Harvard T.H. Chan School of Public Health Course Catalog Preview

Division of Biological Science

Subject: Biological Science

Biological Science 205 Section: 1

Biological Sciences Seminars (190157)

Zachary Nagel

2024 Fall (5 Credits)		Schedule:	MW 0230 PM - 0359 PM
Instructor Permissions:	None	Enrollment Cap:	15

Faculty present seminars on their current research in the biological sciences and direct a student discussion of the logic and experimental design of this research. Topics include chemical and viral carcinogenesis, DNA damage and repair, immunology, molecular biology, metabolism, cardiovascular disease, parasitology, and how these areas apply to public health issues.

Course Note: Required for first-year students in the DBS/BPH program.

Class Notes: This class meets in Building 2, Room 102 (MET conference room).

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics

Subject: Health Data Science

Health Data Science 325 Section: 1

Health Data Science Capstone Course (207859)

Santiago Romero-Brufau

2024 Fall (7.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 30

The overall objective of this course is to allow students to integrate and apply various methods introduced in previous core coursework in the master's in Health Data Science program to real-world data sets across knowledge domains, with a focus on building and implementing a data science solution. This is a predominantly project-based course with lectures focusing on project planning and execution, career development and special advanced topics in data science. Throughout the course, students will complete a data science project and develop a plan for how it will be used including considerations for user, data, modeling and implementation.

Requirements: Prerequisites: BST222 and BST260 and BST261 and BST262 and BST263

Limited to Health Data Science masters students in the final semester of their program.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course

Subject: Computational Biol and Quant G

Computational Biol and Quant G 325 Section: 1

CBQG Collaborative Research Thesis (190143)

John Quackenbush

Peter Kraft

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

This course provides students with valuable real-world experience doing research in Boston's premier biomedical institutions. Students are mentored by a member of the program faculty or other affiliated quantitative scientist working in clinical and epidemiological research projects at HSPH, Harvard University, or Harvard-affiliated hospitals.

The Collaborative Research Thesis will normally be undertaken during the fourth (spring) semester, after coursework has been completed. It will be presented in both oral and written form before a committee consisting of the thesis advisor and two additional program faculty. Students with a more extensive background may be permitted to undertake their thesis research during the summer following their second semester, and complete the entire program in as little as 16 months.

Students in the program must complete a 10-20 credit thesis, and so could register for this course possibly 2 to 4 times to achieve the total number of credits. Only students in this program are eligible to register for this course.

Requirements: Course Restricted: Students in the CBQG SM2 program

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Computational Biol and Quant G 325 Section: 2

CBQG Collaborative Research Thesis (190143)

John Quackenbush

Peter Kraft

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

This course provides students with valuable real-world experience doing research in Boston's premier biomedical institutions. Students are mentored by a member of the program faculty or other affiliated quantitative scientist working in clinical and epidemiological research projects at HSPH, Harvard University, or Harvard-affiliated hospitals.

The Collaborative Research Thesis will normally be undertaken during the fourth (spring) semester, after coursework has been completed. It will be presented in both oral and written form before a committee consisting of the thesis advisor and two additional program faculty. Students with a more extensive background may be permitted to undertake their thesis research during the summer following their second semester, and complete the entire program in as little as 16 months.

Students in the program must complete a 10-20 credit thesis, and so could register for this course possibly 2 to 4 times to achieve the total number of credits. Only students in this program are eligible to register for this course.

Requirements: Course Restricted: Students in the CBQG SM2 program

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Computational Biol and Quant G 325 Section: 3

CBQG Collaborative Research Thesis (190143)

John Quackenbush

Peter Kraft

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

This course provides students with valuable real-world experience doing research in Boston's premier biomedical institutions. Students are mentored by a member of the program faculty or other affiliated quantitative scientist working in clinical and epidemiological research projects at HSPH, Harvard University, or Harvard-affiliated hospitals.

The Collaborative Research Thesis will normally be undertaken during the fourth (spring) semester, after coursework has been completed. It will be presented in both oral and written form before a committee consisting of the thesis advisor and two additional program faculty. Students with a more extensive background may be permitted to undertake their thesis research during the summer following their second semester, and complete the entire program in as little as 16 months.

Students in the program must complete a 10-20 credit thesis, and so could register for this course possibly 2 to 4 times to achieve the total number of credits. Only students in this program are eligible to register for this course.

Requirements: Course Restricted: Students in the CBQG SM2 program

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Subject: Biostatistics

Biostatistics 201 Section: 1

Introduction to Statistical Methods (190012)

Paul Catalano

2024 Fall (5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 125

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

BST201 is restricted to the following programs:
All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)

Other programs please see ID201

Requirements: Course is mutually exclusive with BST202, 203, 206, 207, 208, and ID201. You may not take both this course and any of those courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter

Biostatistics 201LAB Section: 1

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2024 Fall (0 Credits) Schedule: R 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 25

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

BST201 is restricted to the following programs:
All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: Students are required to enroll in both BST 201 and BST 201LAB.

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement
Course Evaluation	Course Evaluation Exempt

Biostatistics 201LAB Section: 2

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2024 Fall (0 Credits) Schedule: R 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 25

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

BST201 is restricted to the following programs:
All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: Students are required to enroll in both BST 201 and BST 201LAB.

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Biostatistics 201LAB Section: 3

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2024 Fall (0 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 25

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

BST201 is restricted to the following programs:
All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS),

Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: Students are required to enroll in both BST 201 and BST 201LAB.

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Biostatistics 201LAB Section: 4

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2024 Fall (0 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 25

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

BST201 is restricted to the following programs:
All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: Students are required to enroll in both BST 201 and BST 201LAB.

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement

Biostatistics 201LAB Section: 5

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2024 Fall (0 Credits) Schedule: F 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 25

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

BST201 is restricted to the following programs:
All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: Students are required to enroll in both BST 201 and BST 201LAB.

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 201LAB Section: 6

Introduction to Statistical Methods - Required LAB (213470)

Paul Catalano

2024 Fall (0 Credits) Schedule: R 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 25

Covers basic statistical techniques that are important for analyzing data arising from epidemiology, environmental health and biomedical and other public health-related research. Major topics include

descriptive statistics, elements of probability, introduction to estimation and hypothesis testing, nonparametric methods, techniques for categorical data, regression analysis, analysis of variance, and elements of study design. Applications are stressed. Designed for students desiring more emphasis on theoretical developments. Background in algebra and calculus strongly recommended.

BST201 is restricted to the following programs:
All Degrees in the following departments: Epidemiology (EPI), Division of Biological Sciences (DBS), Environmental Health (EH), Nutrition (NUT)
SM2: Global Health and Population (GHP)
SD and SM1: Social and Behavioral Sciences (SBS)
PHD: Biological Science in Public Health (BPH)
MPH: Quantitative Methods (QM)
Other programs please see ID201

Requirements: Students are required to enroll in both BST 201 and BST 201LAB.

To enroll in a section of BST 201 LAB, students must first enroll in BST 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement

Biostatistics 210 Section: 1

Applied Regression Analysis (190025)

Erin Lake

2024 Fall (5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 76

Topics include model interpretation, model building, and model assessment for linear regression with continuous outcomes, logistic regression with binary outcomes, and proportional hazards regression with survival time outcomes. Specific topics include regression diagnostics, confounding and effect modification, goodness of fit, data transformations, splines and additive models, ordinal, multinomial, and conditional logistic regression, generalized linear models, overdispersion, Poisson regression for rate outcomes, hazard functions, and missing data. The course will provide students with the skills necessary to perform regression analyses and to critically interpret statistical issues related to regression applications in the public health literature.

Class Notes: Please note that Fall BST 210 has specific prerequisites for students outside the Department of Biostatistics. Thus, any student petitioning for BST 210 MUST include detailed justification for their petition as well as a description of potential prerequisite or background courses or prior degrees and activities, in their justification. Petitions submitted without such comments and information will be administratively denied.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | BIO SM60 / BIO SM2 / CBQG SM2
Wave 2 | EPI SM2 / EPI SM1 / DrPH / EH PhD PHS / EH SM2 / HDS SM60 & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisite: ID201 or BST201 or (BST202 and BST203) or (BST206 and (BST207 or 208))

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 213 Section: 1

Applied Regression for Clinical Research (190028)

E. Orav

2024 Fall (5 Credits) Schedule: MW 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 125

This course will introduce students involved with clinical research to the practical application of multiple regression analysis. Linear regression, logistic regression and proportional hazards survival models will be covered, as well as general concepts in model selection, goodness-of-fit, and testing procedures. Each lecture will be accompanied by a data analysis using SAS and a classroom discussion of the results. The course will

introduce, but will not attempt to develop the underlying likelihood theory. Background in SAS programming ability required.

Course Notes:
1) Lab or section times to be announced at first meeting.

Requirements: Prerequisite: ID201 or BST201 or (BST202 & BST203) or [BST206 & (BST207 or BST208)]. Concurrent enrollment allowed.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 2: Required Course

Biostatistics 219 Section: 1

Core Principles of Data Science (220088)

Heather Mattie

2024 Fall (5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 75

Modern technology has led to the generation of unprecedented amounts of data, prompting the need to train researchers to leverage data for decision-making in public health and medicine. This course assumes no prior R or programming knowledge and serves as a gentle, practical introduction to wrangling, visualizing, and modeling data using the R statistical programming language. We also emphasize the importance of reproducible research and effective data science communication.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course

Biostatistics 222 Section: 1

Basics of Statistical Inference (190039)

Dongdong Li

2024 Fall (5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 76

This course will provide a basic, yet thorough introduction to the probability theory and mathematical statistics that underlie many of the commonly used techniques in public health research. Topics to be covered include probability distributions (normal, binomial, Poisson), means, variances and expected values, finite sampling distributions, parameter estimation (method of moments, maximum likelihood), confidence

intervals, hypothesis testing (likelihood ratio, Wald and score tests). All theoretical material will be motivated with problems from epidemiology, biostatistics, environmental health and other public health areas. This course is aimed towards second year doctoral students in fields other than Biostatistics. Background in algebra and calculus required.

Course Prerequisites: BST210 or BST213 or PHS2000A&B

Course Note: Lab or section times to be announced at first meeting.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | BIO SM60, BIO SM1, BIO SM2, HDS SM60, CBQG SM2
Wave 2 | DrPH, Nutritional EPI, Public Health Nutrition & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisite: BST210 or BST213 or PHS 2000A&B

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Biostatistics 227 Section: 1

Introduction to Statistical Genetics (190044)

Sharon Lutz

2024 Fall (2.5 Credits)		Schedule:	MW 0345 PM - 0515 PM
Instructor Permissions:	None	Enrollment Cap:	50

This course introduces students to the diverse statistical methods used throughout the process of statistical genetics. Topics covered include the basic molecular biology underpinnings of genetics, principles from population genetics, family-based and population-based association testing, genome wide association studies, expression QTL (eQTL) analysis and epigenome-wide association studies. Instructors use ongoing research to illustrate basic principles. Weekly homeworks supplement reading, course lectures, discussion and section. Relevant concepts in genetics and molecular genetics will be reviewed in lectures and labs. The emphasis of the course is fundamental principles and concepts.

Course Note: There will be a weekly lab section; the time will be scheduled at first meeting.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | SM2-CBQG
Wave 2 | PHD BPH & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisite: BST210 (Concurrent Enrollment Allowed) or PHS2000A (Concurrent Enrollment Allowed)

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 228 Section: 1

Applied Bayesian Analysis (203515)

Briana Joy Stephenson

2024 Fall (5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 25

This course is a practical introduction to the Bayesian analysis of biomedical data. It is an intermediate Master's level course in the philosophy, analytic strategies, implementation, and interpretation of Bayesian data analysis. Specific topics that will be covered include: the Bayesian paradigm; Bayesian analysis of basic models; Bayesian computing: Markov Chain Monte Carlo; STAN R software package for Bayesian data analysis; linear regression; hierarchical regression models; generalized linear models; meta-analysis; models for missing data.

Programming and case studies will be used throughout the course to provide hands-on training in these concepts.
Prerequisites: (BST210 or PHS 2000A&B) and BST222, or permission of the instructor

Requirements: Prerequisites: (BST210 or PHS2000A&B) and BST222

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course

Biostatistics 230 Section: 1

Probability I (190047)

Jeffrey Miller

2024 Fall (5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 9

Axiomatic foundations of probability, independence, conditional probability, joint distributions, transformations, moment generating functions, characteristic functions, moment inequalities, sampling distributions, modes of convergence and their interrelationships, laws of large numbers, central limit theorem, and stochastic processes.

Course Note: lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.

Requirements: You must be a Biostatistics student or have taken BST222 to register for this course. If you have taken BST222 and are not a Biostatistics student, please ask the instructor for an instructor override.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 2: Required Course

Biostatistics 232 Section: 1

Methods I (190049)

Rachel Nethery

2024 Fall (5 Credits) Schedule: MW 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 27

Introductory course in the analysis of Gaussian and categorical data. The general linear regression model, ANOVA, robust alternatives based on permutations, model building, resampling methods (bootstrap and jackknife), contingency tables, exact methods, logistic regression.

Course Note: Students requesting a Pass/Fail option must do all homework and take all exams. Enrollment in the Department of Biostatistics, or signature of instructor required; lab or section times to be announced at first meeting. Cross-listed: Harvard Chan School of Public Health students must register for Harvard Chan course.

Requirements: Course Restricted: Students in the Biostatistics department
Pre-Requisites: BST 210 and BST 222 or permission of instructor

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Biostatistics 235 Section: 1

Advanced Regression and Statistical Learning (190052)

Rong Ma

2024 Fall (5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 17

An advanced course in linear models, including both classical theory and methods for high dimensional data. Topics include theory of estimation and hypothesis testing, multiple testing problems and false discovery rates, cross validation and model selection, regularization and the LASSO, principal components and dimensional reduction, and classification methods. Background in matrix algebra and linear regression required.

Course Note: Lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.

Requirements: Pre-requisites: BST231 and (BST 232 or BST233).

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course

Biostatistics 240 Section: 1

Probability II (190065)

Rajarshi Mukherjee

2024 Fall (5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 5

A foundational course in measure theoretic probability. Topics include measure theory, Lebesgue integration, product measure and Fubini's Theorem, Radon-Nikodym derivatives, conditional probability, conditional expectation, limit theorems on sequences of random stochastic processes, and weak convergence.

Course Prerequisites: BST231 or permission from the instructor required.

Course Note: Lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.

Requirements: Pre-requisites: BST231 or permission from the instructor required

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Biostatistics 245 Section: 1

Analysis of Multivariate and Longitudinal Data (190060)

Tom Chen

2024 Fall (5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 5

Presents classical and modern approaches to the analysis of multivariate observations, repeated measures, and longitudinal data. Topics include the multivariate normal distribution, Hotelling's T2, MANOVA, the multivariate linear model, random effects and growth curve models, generalized estimating equations, statistical analysis of multivariate categorical outcomes, and estimation with missing data. Discusses computational issues for both traditional and new methodologies.

Course Note: Lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.

Requirements: Pre-requisites: BST231 or permission of the instructor

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course

Biostatistics 249 Section: 1

Bayesian Methodology in Biostatistics (190064)

Lorenzo Trippa

2024 Fall (5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 20

General principles of the Bayesian approach, prior distributions, hierarchical models and modeling techniques, approximate inference, Markov chain Monte Carlo methods, model assessment and comparison. Bayesian approaches to GLMMs, multiple testing, nonparametrics, clinical trails, survival analysis.

Course Note: lab or section times to be announced at first meeting; cross-listed: Harvard Chan Students must register for the Harvard Chan course.

Requirements: Prerequisites: BST231 and BST232 or instructor permission required

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 260 Section: 1

Introduction to Data Science (190068)

Rafael A. Irizarry

2024 Fall (5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: Instructor Enrollment Cap: 60

This course introduces concepts and skills that can help you tackle real-world data analysis challenges. The skills include file organization with UNIX/Linux shell, version control with git and GitHub, R programming, data wrangling with dplyr and data.table, data visualization with ggplot2 and shiny, and reproducible document preparation with RStudio, knitr and markdown. We briefly introduce Monte Carlo simulations, statistical modeling, high-dimensional data techniques, and machine learning and how these are applied to real data. Throughout the course, we use motivating case studies and data analysis problem sets based on challenges similar to those you encounter in scientific research. We assume students have taken a probability and statistics course and have basic programming skills.

Course Note: Students not matriculated in an HSPH Biostatistics (HDS SM60, BIO SM80 / SM60 / SM1, and CBQG SM80) graduate program will be required to pass a diagnostic test testing basic math, probability,

statistics, and programming to enroll in the course. Lab or section times to be announced at first meeting.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | SM60-HDS
Wave 2 | BIO SM2 / BIO SM60 / BIO SM1 / CBQG SM2
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Class priority to BIO SM1, BIO SM2, BIO SM60, PHD Biostatistics, HDS SM 60, CBQG SM80. Others may petition.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 262 Section: 1

Computing for Big Data (205329)

Georg Hahn

2024 Fall (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 50

This course will give a critical presentation of software implementations, theoretical/algorithmic software development, and modern software tools to collect, store, and process data at scale. This will include hands-on programming practice, R package development (with C++ integration), software design and

good software development practice, multiprocessing with OpenMP, cloud computing on the Harvard computing cluster, container images (Docker), and an introduction to big data stacks. A basic level of programming in R and C++ is required. The goal of the course is not only limited to recipes to manipulate data, but to learn state of the art workflows for software design and dissemination, software tool selection, and maintenance. We will see how big data influences several aspects of data science (for instance, software development and data management) and how we can leverage modern tools to work with data efficiently.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | SM60-HDS
Wave 2 | BIO SM2 / BIO SM60 / BIO SM1 / CBQG SM2
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter

Biostatistics 267 Section: 1

Introduction to Social and Biological Networks (190132)

JP Onnela

2024 Fall (2.5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 65

Many systems of scientific and societal interest consist of a large number of interacting components. The structure of these systems can be represented as networks where network nodes represent the components and network edges the interactions between the components. Network analysis can be used to study how pathogens, behaviors and information spread in social networks, having important implications for our understanding of epidemics and the planning of effective interventions. In a biological context, at a molecular level, network analysis can be applied to gene regulation networks, signal transduction networks, protein interaction networks, and more. This introductory course covers some basic network measures, models, and processes that unfold on networks. The covered material applies to a wide range of networks, but we will focus on social and biological networks. To analyze and model networks, we will learn the basics of the Python programming language and its NetworkX module.

The course contains a number of hands-on computer lab sessions. There are five homework assignments and four reading assignments that will be discussed in class. In addition, each student will complete a final project that applies network analysis techniques to study a public health problem.

Course Prerequisites: BST201 or ID201 or (BST202 & 203) or [BST206 & (BST207 or 208)] or PHS 2000A

Course Note: Lab or section times to be announced at first meeting.

Requirements: Prerequisites: ID201 or BST201 or (BST202 & BST203) or [BST206 & (BST207 or BST208)] or PHS 2000A. Concurrent enrollment allowed.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration

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Biostatistics 273 Section: 1

Introduction to Programming (207985)

Eric Franzosa

2024 Fall (2.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 50

This is an introduction course on programming. Students will learn programming skills and apply to solve common problems in data analysis. Computational programming techniques will be introduced along with statistical methods. The format of the course contains lectures, hands-on computer labs, and practical projects. The official programming language for this class is Python.

Course Note: Lab or section times to be announced at first meeting.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Biostatistics 280 Section: 1

Introductory Genomics & Bioinformatics for Health Research (190097)

John Quackenbush

Camila Lopes-Ramos

2024 Fall (2.5 Credits)		Schedule:	TR 0200 PM - 0330 PM
Instructor Permissions:	None	Enrollment Cap:	50

This survey course is intended for a wide audience and will provide an introduction to genomics-inspired techniques and bioinformatics tools, including genome sequencing, DNA microarrays, proteomics, and publicly available databases and software tools.

Course Note: Lab or section times to be announced at first meeting.
Course Prerequisites: ID201 or [BST201 or (BST202 & 203) or (BST206 & (BST207 or 208)) and (EPI201 or EPI500)], or permission of instructor. Courses may be taken concurrently.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | SM2-CBQG
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements:

Pre-requisites: ID201 or [BST201 or (BST202 and BST203) or (BST206 and (BST207 or BST208)) and (EPI201 or EPI500)].

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 300 Section: 1

Independent Study (190099)

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Biostatistics 300 Section: 2

Independent Study (190099)

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and

complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Biostatistics 300 Section: 3

Independent Study (190099)

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Biostatistics 305 Section: 1

Independent Study - CPT (220776)

Brent Coull

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of

faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 305 Section: 2

Independent Study - CPT (220776)

Brent Coull

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Biostatistics 305 Section: 3

Independent Study - CPT (220776)

Brent Coull

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These studies are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 311 Section: 1

Teaching Assistant (190102)

Brent Coull

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Work with members of the department in laboratory instruction and the development of teaching materials.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 311 Section: 2

Teaching Assistant (190102)

Brent Coull

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Work with members of the department in laboratory instruction and the development of teaching materials.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Biostatistics 311 Section: 3

Teaching Assistant (190102)

Brent Coull

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Work with members of the department in laboratory instruction and the development of teaching materials.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Biostatistics 316 Section: 1

Quantitative Genomics Lab Rotation (190107)

Xihong Lin

2024 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Only available for students in the Interdisciplinary Research Training in Biostatistics and Computational Biology program

Complete lab rotation with members of the department in quantitative genomics.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Biostatistics 316 Section: 2

Quantitative Genomics Lab Rotation (190107)

Xihong Lin

2024 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Only available for students in the Interdisciplinary Research Training in Biostatistics and Computational Biology program

Complete lab rotation with members of the department in quantitative genomics.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Biostatistics 316 Section: 3

Quantitative Genomics Lab Rotation (190107)

Xihong Lin

2024 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Only available for students in the Interdisciplinary Research Training in Biostatistics and Computational Biology program

Complete lab rotation with members of the department in quantitative genomics.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Biostatistics 325 Section: 1

Biostatistics Master's Thesis (190108)

Erin Lake

Jeffrey Miller

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Limited to students in the Biostatistics SM60 program, this ordinally graded thesis will include data analyses, data interpretation, and comparison of alternative methods, and will culminate in the student's written Master's thesis and oral presentation.

Requirements: Course Restriction: Restricted to students in the SM60-BIO Program

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 325 Section: 2

Biostatistics Master's Thesis (190108)

Erin Lake

Jeffrey Miller

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Limited to students in the Biostatistics SM60 program, this ordinally graded thesis will include data analyses, data interpretation, and comparison of alternative methods, and will culminate in the student's written Master's thesis and oral presentation.

Requirements: Course Restriction: Restricted to students in the SM60-BIO Program

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Biostatistics 325 Section: 3

Biostatistics Master's Thesis (190108)

Erin Lake

Jeffrey Miller

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Limited to students in the Biostatistics SM60 program, this ordinally graded thesis will include data analyses, data interpretation, and comparison of alternative methods, and will culminate in the student's written Master's thesis and oral presentation.

Requirements: Course Restriction: Restricted to students in the SM60-BIO Program

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Subject: Interdepartmental

Interdepartmental 201 Section: 1

Core Principles of Biostatistics and Epidemiology for Public Health Practice (190737)

Heather Mattie

Murray Mittleman

2024 Fall (7.5 Credits) Schedule: T 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 174

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Didactic lectures will be posted on the course website along with self-assessment questions. There is one required in-person interactive class session and one in-person lab session each week. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

For Section 3 (MPH GEN ONLY):
Same as above, except : MPH GEN students will be offered one synchronous interactive class session and one weekly lab session on Zoom each week.

Requirements: Course is mutually exclusive with BST202 and BST203, BST 206 and BST 207, and EPI 208.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement

Interdepartmental 201 Section: 2

Core Principles of Biostatistics and Epidemiology for Public Health Practice (190737)

Heather Mattie

Murray Mittleman

2024 Fall (7.5 Credits) Schedule: R 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 174

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Didactic lectures will be posted on the course website along with self-assessment questions. There is one required in-person interactive class session and one in-person lab session each week. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

For Section 3 (MPH GEN ONLY):
Same as above, except : MPH GEN students will be offered one synchronous interactive class session and one weekly lab session on Zoom each week.

Requirements: Course is mutually exclusive with BST202 and BST203, BST 206 and BST 207, and EPI 208.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201 Section: 3

Core Principles of Biostatistics and Epidemiology for Public Health Practice (190737)

Murray Mittleman

Heather Mattie

2024 Fall (7.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 60

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Didactic lectures will be posted on the course website along with self-assessment questions. There is one required in-person interactive class session and one in-person lab session each week. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

For Section 3 (MPH GEN ONLY):
Same as above, except : MPH GEN students will be offered one synchronous interactive class session and one weekly lab session on Zoom each week.

Class Notes: Section 3 of ID 201 is reserved for MPH-GEN students.

Note about labs: There will be an (optional) associated synchronous lab session offered that will be recorded and available to view asynchronously.

Requirements: Course is mutually exclusive with BST202 and BST203, BST 206 and BST 207, and EPI 208.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement

Interdepartmental 201LAB Section: 02

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2024 Fall (0 Credits) Schedule: R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 40

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration

Interdepartmental 201LAB Section: 03

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2024 Fall (0 Credits) Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Interdepartmental 201LAB Section: 04

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2024 Fall (0 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201LAB Section: 05

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2024 Fall (0 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Interdepartmental 201LAB Section: 07

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2024 Fall (0 Credits) Schedule: R 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement

Interdepartmental 201LAB Section: 08

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2024 Fall (0 Credits) Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab

sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Interdepartmental 201LAB Section: 09

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2024 Fall (0 Credits) Schedule: R 0200 PM - 0330 PM

R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 40

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Interdepartmental 201LAB Section: 10

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2024 Fall (0 Credits) Schedule: F 1130 AM - 0100 PM
F 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 201LAB Section: 11

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2024 Fall (0 Credits) Schedule: R 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Interdepartmental 201LAB Section: 12

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Murray Mittleman

Heather Mattie

2024 Fall (0 Credits) Schedule: R 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 30

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Interdepartmental 201LAB Section: 13

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 40

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Class Notes: ID 201 LABs 13 and 14, are reserved for MPH-GEN students. Although this lab is optional, MPH-GEN students must enroll in this LAB section to complete their enrollment in ID 201 LAB.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement

Interdepartmental 201LAB Section: 14

Core Principles of Biostatistics and Epidemiology for Public Health Practice - Required LAB (213377)

Heather Mattie

Murray Mittleman

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 40

This course will provide an introduction to the methods of biostatistics and epidemiology in the context of public health and clinical research. The focus will be on applications, providing students with the skills necessary to critically interpret issues related to study design and data analysis in the public health literature. The computer is used throughout the course. Lectures are complemented by seminars and weekly lab sessions. Topics include measures of frequency and association, study designs, bias, confounding, screening tests, probability distributions, estimation and statistical inference, sample size estimation, and regression methods.

Class Notes: ID 201 LABs 13 and 14, are reserved for MPH-GEN students. Although this lab is optional, MPH-GEN students must enroll in this LAB section to complete their enrollment in ID 201 LAB.

Requirements: Students are required to enroll in ID 201 and ID 201LAB.

To enroll in ID 201 LAB, students must first enroll in ID 201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Interdepartmental 945A Section: 1

Applied Practice and Integrative Learning Experience for Quantitative Methods (205234)

Marcia Testa

2024 Fall (1.25 Credits)		Schedule:	T 0530 PM - 0720 PM
Instructor Permissions:	None	Enrollment Cap:	45

All students completing a Master of Public Health degree must complete an Applied Practice Experience ("Practicum") and an Integrative Learning Experience (ILE). This required course is designed to meet both these degree requirements. QM Master of Public Health students develop a practicum project, many with collaborators from their home institutions, under the supervision of a local mentor or preceptor, and if required a member of the faculty at Harvard Chan. This practicum should include aspects of epidemiology, biostatistics, decision sciences, or other quantitative aspects of public health. Students should apply the competencies learned in core courses to an actual investigation. During Fall 1 and 2 semesters, students must attend class sessions during which the various components of the practicum and culminating experience will be described and opportunities for practicum projects will be discussed. Prior to the end of Fall 2, students must submit a written proposal for the practicum along with the approval signature of the qualified individual indicating an agreement to act as the local mentor or preceptor for the practicum project. This proposal is reviewed by the Harvard Chan course instructors. During Spring 1, students must give a brief oral presentation to the class describing their practicum activities progress. Students must also submit three written interim progress reports (Review of the Literature, Detailed Study Outline, Field Study or Expert Interview Report) during Spring 1 and one written interim progress report (Data Management/Statistical Analysis Report) during Spring 2 according to the schedule outlined in the course syllabus. As part of their required MPH "culminating experience", during Spring 2 students must submit a structured abstract which will be published in the annual MPH QM Abstract book and give a poster presentation during the scheduled MPH QM Annual Poster Day Sessions They also must attend all Poster Day Sessions when they are not presenting and submit at least six written reviews critiquing the practicum project posters of their fellow students. Finally, all students must submit their practicum project as a final written report which would be considered suitable for publication.
Course Note: Students must attend the scheduled Fall 1, Fall 2, Spring 1 and Spring 2 classes and presentations as noted in the course syllabus.
Grade Note: ID 945 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in ID 945 after they have completed both Part A and Part B.
At the end of the Fall term, students will receive an "IP" ("in progress") grade in ID 945A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. This means the 1.25 credits from ID 945A will not be reflected in the student's transcript when the "IP" grade is present. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from ID 945.

Requirements: Course restricted to students in the MPH45 Quantitative Methods (academic year) program HSPH: ID 945A/B

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
Full Year Course	Indivisible Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Doctor of Public Health

Subject: Doctor of Public Health

Doctor of Public Health 200 Section: 1

Qualitative Methods in Health Research: Practice, Principles, and Critical Considerations (203335)

Emma-Louise Aveling

2024 Fall (2.5 Credits)		Schedule:	TR 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	20

Whether you plan to conduct qualitative research yourself or to use existing qualitative research to inform your professional practice, this course provides a framework for understanding when qualitative methodologies can help you answer the questions you care about, which designs are appropriate, and how to evaluate the quality of qualitative research. The course introduces fundamental questions, principles, and skills necessary to critically design, conduct, interpret, and appraise qualitative research. Through interactive sessions combining lectures, discussions, and practice exercises, we aim to cultivate practical knowledge and critical awareness essential to conducting high-quality, ethical, reflexive qualitative research.

We begin by exploring the philosophical foundations and key characteristics of the qualitative research paradigm and the value of qualitative methodologies for health research. Throughout the course, we critically reflect on the implications of such foundational philosophical and theoretical positionings for the practice of qualitative research, i.e., for designing, conducting, and evaluating qualitative research projects. For example, recognizing that historical, social, and structural forces shape (all) research processes, we explore: epistemological assumptions concerning what (or whose) knowledge 'counts' as legitimate and how those assumptions shape methodological designs; debates about which criteria can or should be used to establish quality in qualitative research; ethical issues that extend beyond procedural compliance to include context-specific and relational dimensions of research design and fieldwork practices; and reflexive considerations of our public health researcher role(s) and relationships with stakeholders in diverse fields.

Interactive class sessions and assignments focus equally on developing practical skills for conducting qualitative research, including generating data through interviews, focus groups, observations, and analyzing qualitative data. Students will have opportunities to design and plan qualitative studies, conduct and evaluate observations and interviews, critically appraise and debate quality and ethical issues, and practice analyzing qualitative data. Assessment is through class participation, individual assignments, and a small group project.

Note that in aiming to cover a breadth of topics, this course does not provide in-depth or advanced-level training on any one aspect of qualitative data generation or analysis. There are no prerequisites for this course.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | DRPH
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)
**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Doctor of Public Health 242A Section: 1

Leadership in Public Health: Personal Mastery II (212966)

Fawn Phelps

Perry Dougherty

2024 Fall (1.25 Credits) Schedule: R 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 10

Leadership in Public Health: Personal Mastery Integration is an extension of the DRPH 240 course that forms the foundation of the DrPH's leadership development within the Enabling Change curriculum. The DrPH leadership development programming is rooted in understanding and applying leadership theory. This course emphasizes learning through experiential exercises and reflective practices. DRPH 242 is intended to offer ongoing theoretical and practical integration of the leadership development principles.

Requirements: HSPH: DRPH Students + Pre-Requisite DRPH 240

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
Full Year Course	Indivisible Course
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 250 Section: 1

Enabling Teams (204256)

Predrag Stojicic

Jennifer Goldsmith

2024 Fall (2.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 10

The DrPH Enabling Change program is premised on the belief that effective public health practitioners must augment traditional research skills and methodologies with learning how to enable positive change at four levels: within themselves, amongst their teams, inside their organizations, and across systems. This course is part two of that sequence; it is preceded by courses in personal mastery (DrPH 240) and communications (DrPH 260) and will be followed by a course on leading change in organizations, in systems, and through movements (DrPH 251).

Enabling Teams is included in recognition that in many public health organizations, teams have emerged as a preferred work arrangement. Under the right conditions, a team's capacity may exceed that of a similar number of individuals working autonomously when the specialized knowledge of team members can be effectively coordinated and leveraged by leadership. As the problems that communities face increase in scope and complexity, delivering change via teams is increasingly necessary.

The Enabling Teams course is also designed to help students prepare for their winter field immersion experience. Students will be introduced to a range of frameworks, models, empirical research, simulations, and case-based discussions, which are focused on collaborative decision-making and the effective use of teams and "teaming" to solve key problems. To aid students who are concurrently planning for their January field immersion experience, which they will engage as small working groups, this course will include "lab" sessions that will enable students to practice applying critical skills related to course concepts and competencies.

Requirements: Course restricted to DRPH students

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO

Doctor of Public Health 255A Section: 1

Case Development Immersion: Dynamics of Teams in Systems (222709)

Jennifer Goldsmith

2024 Fall (1 Credits) Schedule: W 0530 PM - 0645 PM

W 0530 PM - 0645 PM

W 0530 PM - 0645 PM

Instructor Permissions: None Enrollment Cap: 11

Public Health and the healthcare industry are in an era of increasingly rapid change. The complexity of public health and healthcare issues, healthcare financing and operations, and intractable public health challenges call for dynamic, thoughtful, and inclusive leadership. Now more than ever, public health practitioners must develop leadership skills that enable them to work across programmatic and systemic "silos" while engaging and working with diverse communities, topic experts, and other stakeholders.

DrPH 255 is a real-time dive into community-focused public health interventions. This course integrates the development of leadership, problem-solving, and teamwork skills through reflection, interviews, assessment, and synthesis. The course gives you an opportunity to get involved in the community and put your classroom theories to the test. Student teams work with a host organization and a faculty mentor to develop a robust teaching case reflecting on complex organizational decision points or challenges. DrPH teams initially engage with the host in the fall, spend full time for three weeks in January and continue working with the host to complete deliverables through March.

The course focuses on three key areas:

1. Working effectively in teams to produce a product reflecting on a community-focused client organization.
2. Stakeholder engagement and cross-sector collaboration (e.g., clinicians, frontline health center and mental health staff, educators, community health workers, community organizations, and residents).
3. Working effectively and authentically with diverse populations.

Grade Note: DRPH 255 is a yearlong class comprised of three parts: Part A in the Fall, Part B in the Winter, and Part C in the Spring. For enrollment purposes and planning credit totals, students should factor 1 credit during the Fall, .5 credits in Winter, and 1 credit in the Spring. Students only receive a grade in DRPH 255 after they have completed Parts A through C. At the end of the Fall term and WinterSession, students will receive an "IP" ("in progress") grade in DRPH 255A and 255B. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits the student earned from DRPH 255.

Requirements: HSPH: DRPH

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH:Year Long Course	HSPH:Year Long Course
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course

Doctor of Public Health 290A Section: 1

DrPH Doctoral Seminar (205228)

Gillian Christie

2024 Fall (1.25 Credits) Schedule: R 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 10

The DrPH Doctoral Project Seminar is required for all DrPH second year students. Its objective is to guide DrPH students through a structured and collaborative approach in support of development of their third year Doctoral Project.

The seminar will run in two phases: DRPH 290A in Fall 2 and DRPH 290B in Spring. In Fall 2, students will commence preparations for their third-year Doctoral Project. Students will begin to articulate their own project ideas, research potential host organizations, and engage with the DrPH alumni community. In Spring 1, students will focus on workshopping and finalizing their Doctoral Project plans. During Spring 2, students will continue to understand the essentials for writing their doctoral thesis. Students will also have the opportunity to provide peer feedback in preparation for writing their final project proposal and their Oral Qualifying Exam (OQE).

Requirements: Restricted to second year students in the DRPH program

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Indpt. Study / Research	NO
Full Year Course	Indivisible Course
HSPH: Course Category	Category 2: Required Course
HSPH:Year Long Course	HSPH:Year Long Course

Doctor of Public Health 301 Section: 3

Independent Study (205548)

Richard Siegrist

2024 Fall (0.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Doctor of Public Health 350 Section: 1

Doctoral Project (Residence) (203349)

Richard Siegrist

2024 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course

Doctor of Public Health 350 Section: 2

Doctoral Project (Residence) (203349)

Nancy Turnbull

2024 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Not Available for Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course

Doctor of Public Health 350 Section: 3

Doctoral Project (Residence) (203349)

Kevin Croke

2024 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Doctor of Public Health 350 Section: 4

Doctoral Project (Residence) (203349)

Mary Bassett

2024 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Doctor of Public Health 350 Section: 5

Doctoral Project (Residence) (203349)

Jesse Bump

2024 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to

their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course

Doctor of Public Health 350 Section: 7

Doctoral Project (Residence) (203349)

Vaughan Rees

2024 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 350 Section: 8

Doctoral Project (Residence) (203349)

Howard Koh

2024 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Doctor of Public Health 400 Section: 1

Doctoral Project (Non-Resident) (203350)

Richard Siegrist

2024 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 2

Doctoral Project (Non-Resident) (203350)

Nancy Turnbull

2024 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 3

Doctoral Project (Non-Resident) (203350)

Kevin Croke

2024 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course

Doctor of Public Health 400 Section: 4

Doctoral Project (Non-Resident) (203350)

Mary Bassett

2024 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Doctor of Public Health 400 Section: 5

Doctoral Project (Non-Resident) (203350)

Jesse Bump

2024 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration

Doctor of Public Health 400 Section: 7

Doctoral Project (Non-Resident) (203350)

Vaughan Rees

2024 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course

Doctor of Public Health 400 Section: 8

Doctoral Project (Non-Resident) (203350)

Howard Koh

2024 Fall (15 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

These two credit bearing courses, are the primary vehicle for which DRPH students will earn credits for completing their Doctoral Projects. Students will be expected to register for 15 credits of DRPH 350 OR DRPH 400 during the summer and 20 credits during the Fall and Spring to maintain their full-time student status at the School. Students will be expected to register for a section of DRPH 350 OR DRPH 400 that corresponds to their resident status (resident versus non-resident) and their committee chair/advisor.

Requirements: HSPH: Passed DRPH Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course

Environmental Health

Subject: Environmental Health

Environmental Health 204 Section: 1

Introduction to Health Geography: Mapping how Place and Power Determine our Health (224826)

Adam Haber

2024 Fall (2.5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 30

This course introduces fundamentals of mapping and spatial reasoning in public health research. Surveying its history, we will find that spatial thinking and maps have played a critical role both inside the academy, for communities organizing for environmental justice, and social movements that agitated for a healthier world. To develop the skills to make and reason about our own maps, we will introduce basic data structures and analytic tools needed to build, visualize, and analyze maps of a range of spatial variables, from exposures, intermediate processes, to health outcomes. The course will focus on quantitative analytical approaches using R.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 3: Essential Course

Environmental Health 205 Section: 1

Human Physiology (190168)

Nancy Long Sieber

2024 Fall (5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 40

As an introduction to the principles governing function in the human body, this course is designed to provide a framework in physiology for future public health researchers and professionals who have not taken college level physiology courses. Emphasis is placed on the concept of homeostasis and on integrative aspects of physiology. Examples of pathophysiology and environmental physiology will highlight these processes.

Course Activities: Problem sets, exams, laboratory.

Course Note: College-level introductory biology

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | PHD BPH, PHS SBS, PHS EPI & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 206 Section: 1

Foundations of Environmental Health (224874)

David Macintosh

2024 Fall (5 Credits)		Schedule:	TR 0200 PM - 0330 PM
Instructor Permissions:	None	Enrollment Cap:	35

This course is designed to lay a foundation in environmental health, integrating key disciplines such as risk assessment, exposure assessment, epidemiology, toxicology, data analytics, physical science, and science policy. We aim to enhance students' critical thinking and quantitative abilities through interactive workshops, case studies, assignments, and insightful readings. The curriculum is structured around a thread of quantitative and qualitative reasoning, addressing seven crucial topics in environmental health: air pollution, water pollution, global warming, environmental justice, occupational health, radiation, and persistent pollutants.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 213 Section: 1

Climate Change, Health, and Environmental Justice-Focusing on Solutions (224076)

Kari Nadeau

2024 Fall (5 Credits) Schedule: M 0200 PM - 0500 PM

Instructor Permissions: None Enrollment Cap: 30

Human health and the health of our planet are inextricably linked and they can be mutually beneficial. However, our planet's health and our health are at risk. Climate change represents one of the most pressing issues of our time, affecting every nation and person. In this class, we will focus on the ways in which climate change impacts human health and discuss approaches to quantify and mitigate these impacts at the local, state, national, and global levels. You will have the opportunity to monitor, measure, and analyze climate change associated data relevant to human health such as air pollution and temperature with devices we provide. You will also meet policy makers, community leaders, and community members who are addressing climate change impacts on human health. The overarching goal of the course is to critically discuss the health outcomes of energy production and climate change impacts on food, water, air, soil, food systems, and e-waste through the lens of social justice and health equity.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter

Environmental Health 241 Section: 1

Occupational Safety and Injury Prevention (190177)

Ted Courtney

Robert Spielvogel

2024 Fall (2.5 Credits) Schedule: R 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 28

This course in occupational safety works towards the prevention of work-related injury and illnesses through proactive management and control of workplace hazards. The primary objectives of the course are to: (1) identify fundamental workplace hazards, (2) develop a basis of basic government and voluntary regulations, (3) understand issues pertaining to specific and different industries, and (4) understand various safety management programs.

Course Activities: Lectures and group discussions, and a term project.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing

Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 245 Section: 1

Statistical Methods for Environmental Mixtures and Exposome Research (222545)

Andrea Bellavia

2024 Fall (2.5 Credits) Schedule: WF 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 30

This course will cover statistical methods for the assessment of complex environmental exposures, such as pollutants and chemical mixtures, within the exposome framework. We will describe the analytical challenges involved in the joint evaluation of multiple environmental factors and provide an overview to a variety of analytical tools. Topics will include: data reduction techniques such as principal component analysis (PCA) and clustering; classical methods (multiple regression) and their limitations; variable selection techniques (Lasso, ridge regression, elastic net); statistical methods for environmental mixtures such as Bayesian Kernel Machine Regression (BKMR) and Weighted Quantile Sum (WQS) Regression; introduction to basic machine learning (ML) in environmental health; integrating environmental mixtures in health disparities research. The course will integrate lectures presenting the methods, case-studies from recently published papers, and hands-on data sessions. Lectures will present in a rigorous yet non-theoretical way the methods of interest, discussing when each method presented is appropriate for use and for which research question it can be applied.

Requirements: Pre-Requisite: BST201 or BST210 or PHS2000A (these classes can be taken concurrently)

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 249 Section: 1

Built Environment, Nature, and Health (213255)

Peter James

2024 Fall (2.5 Credits) Schedule: WF 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 35

The built environment – our homes, schools, businesses, streets and sidewalks, and transportation options – and the natural environment – features such as vegetation, water, parks, and open spaces – directly and indirectly impact health and well-being. The places where we live, learn, work, and play can determine our exposure to pollution, influence our health behaviors, and ultimately drive disease risk. The built and natural environment can contribute to health outcomes that are the major contributors to morbidity and mortality in the US, and increasingly globally. Moreover, decisions on how we have designed our built and natural environments are long-lasting and can disproportionately impact the health of individuals of varied ages, abilities, races, ethnicities, and socioeconomic levels. Through this course, participants will learn how to study the influence of built and natural environments on an array of health outcomes, receive a basic introduction to Geographic Information Systems (GIS) (no prior knowledge required), will learn to assess the evidence behind different associations observed in the literature, and will explore the policy and decision-making processes that facilitate built and natural environment changes.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Conditionally Approved	Conditionally Approved Course
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective

Environmental Health 263 Section: 1

Analytical Methods and Exposure Assessment (190191)

Gary Adamkiewicz

Jaime Hart

2024 Fall (5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 30

This course will examine methodological issues associated with the design and execution of studies designed to measure environmental exposure to chemical and biological contaminants. The first half of the course will be lecture based, and will address topics such as: study design issues, implementation of quality control/ quality assurance programs, data analysis, protocols for sampling air, water, sediments, and soil for contaminants of concern, and analytical techniques used to measure chemical and biological constituents in the laboratory. During the second half of the semester, groups of students will design and execute their own field investigation using these techniques. The design and results of these projects are presented in class.

Course Activities: Lectures, written reports, problem sets, exams, class presentations, field work and final

paper.
Course restricted: Environmental Health students (or instructor permission)

Requirements: Course Restricted: Students in the Environmental Health department

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter

Environmental Health 286 Section: 1

Environmental Health Literacy and Science Communication (221643)

Kathryn Tomsho

2024 Fall (2.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 16

Science communication provides a way to transmit scientific ideas, methods, knowledge, and research to lay audiences in an understandable and useful way. In environmental health, ensuring that information is communicated effectively requires environmental health literacy on the part of the practitioner and in the communication of the scientific content. With this, environmental health literacy (EHL) is a critically important area of interest within the environmental health sciences. It generally refers to the ways in which people make sense of environmental contaminants and their potential impacts on health. This course will provide formal definition, as well as quantitative and qualitative measurement tools utilized in this emerging area of study that intersects environmental health with implementation, effectiveness, and dissemination science. Some of the key concepts that will be discussed in this course are risk communication, health literacy, and numeracy. Furthermore, students will learn the principles for how to communicate environmental health science in a way that is equitable, rigorous, and accessible for the public based on principles of EHL.

Through this class, we will explore the subdomains relevant to EHL, including health communication, health literacy, risk communication, and environmental literacy. Students will gain an understanding of graphicacy, numeracy, and literacy, and how each of those skill sets influences environmental health literacy, as well as their impact on scientific communications. They will also gain experience assessing scientific communications for accessibility and leave with the ability to identify barriers and facilitators to accessible environmental communications.

Students of this course should have a strong background in environmental health sciences training. Prior experience with health literacy or health communication is not required.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 1

Independent Study (190217)

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 300 Section: 2

Independent Study (190217)

2024 Fall (0 Credits) Schedule:

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH

enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 3: Essential Course

Environmental Health 300 Section: 3

Independent Study (190217)

2024 Fall (0 Credits) Schedule:

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Opportunities are provided for independent studies in the fields of aerosol technology, air pollution control, environmental health management, environmental epidemiology, environmental microbiology, industrial hygiene and ventilation, nuclear medicine, occupational medicine, radiological health, respiratory biology, respiratory epidemiology, injury epidemiology, ergonomics, and solid waste management.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Independent Study	HSPH Independent Study 300

Environmental Health 350 Section: 1

Research (190222)

David Christiani

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 10

Research (190222)

John Evans

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 100

Research (190222)

Gary Adamkiewicz

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 101

Research (190222)

Tamarra James-Todd

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Environmental Health 350 Section: 102

Research (190222)

Adam Haber

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 11

Research (190222)

John Evans

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 12

Research (190222)

John Evans

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 13

Research (190222)

Shruthi Mahalingaiah

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course

Environmental Health 350 Section: 14

Research (190222)

Shruthi Mahalingaiah

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 15

Research (190222)

Tamarra James-Todd

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Environmental Health 350 Section: 16

Research (190222)

Diane Gold

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 17

Research (190222)

Diane Gold

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 18

Research (190222)

Diane Gold

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 19

Research (190222)

Russ Hauser

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 2

Research (190222)

David Christiani

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 20

Research (190222)

Russ Hauser

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 21

Research (190222)

Russ Hauser

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 22

Research (190222)

Susan Korrick

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 23

Research (190222)

Susan Korrick

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 24

Research (190222)

Susan Korrick

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 25

Research (190222)

Petros Koutrakis

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 26

Research (190222)

Petros Koutrakis

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 27

Research (190222)

Petros Koutrakis

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 28

Research (190222)

Francine Laden

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 29

Research (190222)

Francine Laden

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 3

Research (190222)

David Christiani

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 30

Research (190222)

Francine Laden

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 31

Research (190222)

Samuel Myers

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Environmental Health 350 Section: 32

Research (190222)

Samuel Myers

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course

Environmental Health 350 Section: 33

Research (190222)

Samuel Myers

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 34

Research (190222)

Eileen McNeely

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 35

Research (190222)

Eileen McNeely

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 36

Research (190222)

Eileen McNeely

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 37

Research (190222)

Zachary Nagel

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 38

Research (190222)

Zachary Nagel

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 39

Research (190222)

Zachary Nagel

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course

Environmental Health 350 Section: 4

Research (190222)

Jack Dennerlein

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 40

Research (190222)

Kristopher Sarosiek

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 41

Research (190222)

Kristopher Sarosiek

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 42

Research (190222)

Kristopher Sarosiek

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 43

Research (190222)

Joel Schwartz

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 44

Research (190222)

Joel Schwartz

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 45

Research (190222)

Joel Schwartz

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 46

Research (190222)

Peter James

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 47

Research (190222)

Peter James

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 48

Research (190222)

Tamarra James-Todd

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 49

Research (190222)

John Spengler

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 5

Research (190222)

Jack Dennerlein

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 50

Research (190222)

John Spengler

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 51

Research (190222)

John Spengler

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 52

Research (190222)

Carmen Messerlian

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course

Environmental Health 350 Section: 53

Research (190222)

Carmen Messerlian

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Environmental Health 350 Section: 54

Research (190222)

Carmen Messerlian

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Environmental Health 350 Section: 55

Research (190222)

Antonella Zanobetti

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 56

Research (190222)

Antonella Zanobetti

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 57

Research (190222)

Antonella Zanobetti

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 58

Research (190222)

Marc Weisskopf

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 59

Research (190222)

Marc Weisskopf

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 6

Research (190222)

Jack Dennerlein

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 60

Research (190222)

Marc Weisskopf

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 64

Research (190222)

Phil Demokritou

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 65

Research (190222)

Phil Demokritou

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 66

Research (190222)

Phil Demokritou

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 7

Research (190222)

Douglas Dockery

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 8

Research (190222)

Douglas Dockery

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 81

Research (190222)

Elsie Sunderland

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 82

Research (190222)

Elsie Sunderland

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 83

Research (190222)

Elsie Sunderland

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 84

Research (190222)

Stefanos Kales

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 85

Research (190222)

Stefanos Kales

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 86

Research (190222)

Stefanos Kales

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 87

Research (190222)

Joseph Allen

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 88

Research (190222)

Joseph Allen

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 89

Research (190222)

Joseph Allen

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 9

Research (190222)

Douglas Dockery

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 90

Research (190222)

Maitreyi Mazumdar

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 91

Research (190222)

Maitreyi Mazumdar

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 92

Research (190222)

Maitreyi Mazumdar

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 93

Research (190222)

Bernardo Lemos

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Environmental Health 350 Section: 94

Research (190222)

Peter James

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 95

Research (190222)

Adam Haber

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 350 Section: 96

Research (190222)

Adam Haber

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course

Environmental Health 350 Section: 97

Research (190222)

Jaime Hart

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 350 Section: 98

Research (190222)

Jaime Hart

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 350 Section: 99

Research (190222)

Jaime Hart

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 400 Section: 1

Non-Resident Research (190223)

Douglas Dockery

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Environmental Health 400 Section: 10

Non-Resident Research (190223)

Diane Gold

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 400 Section: 11

Non-Resident Research (190223)

John Spengler

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Environmental Health 400 Section: 12

Non-Resident Research (190223)

Joel Schwartz

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 400 Section: 2

Non-Resident Research (190223)

Douglas Dockery

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Environmental Health 400 Section: 3

Non-Resident Research (190223)

Douglas Dockery

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 400 Section: 4

Non-Resident Research (190223)

John Evans

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Environmental Health 400 Section: 5

Non-Resident Research (190223)

John Evans

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work on the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Environmental Health 504 Section: 1

Principles of Toxicology (190224)

Jin-Ah Park

2024 Fall (2.5 Credits)		Schedule:	TBD
Instructor Permissions:	None	Enrollment Cap:	35

The course is designed to expose students to the principles and methods that should be used to determine whether a causal relationship exists between specific doses of an agent and an alleged adverse effect, observed primarily in humans. Integration of principles and methods of toxicology is extremely important since the primary purpose of toxicology is to predict human toxicity. Toxicological data obtained in animal studies must be placed in proper relationship to the exposure observed in the human population. The course deals with organ systems and whole organisms but relies on an understanding of the mechanistic approaches covered in EH508. Key target organs, selected classes of toxic agents and the application of toxicological principles are covered. Students are assigned a topic for a short presentation.

Course notes: This course may be taken for either 2.5 credits (section 1 - for students with a prior medical degree) or 5.0 credits (section 2 - for all other students).

Class Notes:

*Section 1 Meeting Dates: 9/3 - 12/20 - Mondays & Wednesdays - 9:45 AM - 11:15 AM

Section 1 - 2.5 credits - is only for those students with a prior medical degree.
Section 2 - 5.0 credits - is for all other students.

THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Timing
Wave 1 | All EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)
Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements:

Students outside of HSPH must request instructor permission to enroll

in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

Environmental Health 504 Section: 2

Principles of Toxicology (190224)

Jin-Ah Park

2024 Fall (5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 35

The course is designed to expose students to the principles and methods that should be used to determine whether a causal relationship exists between specific doses of an agent and an alleged adverse effect, observed primarily in humans. Integration of principles and methods of toxicology is extremely important since the primary purpose of toxicology is to predict human toxicity. Toxicological data obtained in animal studies must be placed in proper relationship to the exposure observed in the human population. The course deals with organ systems and whole organisms but relies on an understanding of the mechanistic approaches covered in EH508. Key target organs, selected classes of toxic agents and the application of toxicological principles are covered. Students are assigned a topic for a short presentation.

Course notes: This course may be taken for either 2.5 credits (section 1 - for students with a prior medical degree) or 5.0 credits (section 2 - for all other students).

Class Notes: Section 1 - 2.5 credits - is only for those students with a prior medical degree.
Section 2 - 5.0 credits - is for all other students.
THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority

wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Environmental Health 512 Section: 1

Interdisciplinary Training in Pulmonary Sciences Part I (190229)

Quan Lu

2024 Fall (2.5 Credits) Schedule: T 0945 AM - 1045 AM
F 0100 PM - 0200 PM

Instructor Permissions: Instructor Enrollment Cap: 30

The intersection of environment and health is by necessity an interdisciplinary focus. The most promising advances in lung biology and respiratory disease are resulting from teams of scientists with diverse disciplinary training, including biology, medicine, engineering, and physics. In addition to a strong foundation in a specific discipline, the ability to recognize and act upon opportunities presented by outside disciplines is a crucial skill. This course is designed to train scientists to approach lung biology and respiratory diseases with an interdisciplinary perspective, in particular by bridging the gap between life sciences and physical/engineering sciences. With a focus on laboratory sciences and on mechanistic levels of understanding, course materials will cover 3 main problem areas: asthma, air pollution, and lung infection. The course consists of weekly course-meetings (lectures and case-studies) plus weekly research seminars from the physiology program. Students will gain skills in recognizing the relative strengths and weaknesses of different disciplinary approaches applied to pulmonary sciences, in designing interdisciplinary experiments effectively, and in interpreting interdisciplinary results critically.

Class Notes: Note: This class will be taught in Building 1, Room 1302

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Interdepartmental

Interdepartmental 269 Section: 1

Respiratory Epidemiology (190780)

Diane Gold

2024 Fall (1.25 Credits) Schedule: R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 27

This course focuses on the Environment, work and respiratory disease: evaluation and control/ sources of disparities in exposures and outcomes. Physician clinician-scientists and epidemiologists review up-to-date studies of environmental and occupational influences on asthma, COPD, viral respiratory infections (focusing on COVID19 and influenza), occupational lung disease, tuberculosis, lung cancer and sleep-disordered breathing. With an international perspective we evaluate environmental and occupational contributions to disparities in respiratory diseases. We share complementary clinical, pathologic, physiologic as well as epidemiologic methods for assessing respiratory outcomes. We critically discuss complementary study designs to document disease prevalence and incidence, and to assess the efficacy of control strategies to reduce exposures, disease and disparities in disease. if you are interested in learning more about the course,

please view Harvard's Syllabus Explorer tool (https://syllabus.harvard.edu/) to view last year's syllabus

Course Prerequisites: ID201 or ID200 or EPI201 or EPI208 or EPI505 or ID538 or PHS2000A (all courses may be taken concurrently).

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | EH Plans and Subplans
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Pre-requisties: ID201 or ID200 or EPI201 or EPI208 or EPI505 or ID538 or PHS2000A (all courses may be taken concurrently)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective

Epidemiology

Subject: Epidemiology

Epidemiology 201 Section: 1

Introduction to Epidemiology: Methods I (190267)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (2.5 Credits)		Schedule:	TR 0945 AM - 1115 AM
Instructor Permissions:	None	Enrollment Cap:	175

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Class Note: A Thursday or Friday lab is required to complete this enrollment
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID201. You may not take both this course and any of those courses.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PHD PHDS, GHP SM2, BST SM All, SM1 EPI, SM2 EPI
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Course mutually exclusive with EPI208, EPI500 and ID505

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement
HSPH: Indpt. Study / Research	NO

Epidemiology 201 Section: 2

Introduction to Epidemiology: Methods I (190267)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (2.5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 150

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Class Note: A Thursday or Friday lab is required to complete this enrollment
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID201. You may not take both this course and any of those courses.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PHD PHDS, GHP SM2, BST SM All, SM1 EPI, SM2 EPI
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Course mutually exclusive with EPI208, EPI500 and ID505

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 201LAB Section: 01

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 25

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 201LAB Section: 02

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 25

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt

Epidemiology 201LAB Section: 03

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 25

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement

Epidemiology 201LAB Section: 04

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 20

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Epidemiology 201LAB Section: 05

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 25

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the

conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement

Epidemiology 201LAB Section: 06

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 24

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement

Epidemiology 201LAB Section: 07

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 17

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Epidemiology 201LAB Section: 08

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 25

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the

conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter

Epidemiology 201LAB Section: 09

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 25

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement

Epidemiology 201LAB Section: 10

Introduction to Epidemiology: Methods I - Required LAB (213267)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 25

EPI201 introduces the principles and methods used in epidemiologic research. The course discusses the conceptual and practical issues encountered in the design and analysis of epidemiologic studies for description and causal inference. EPI201 is the first course in the series of methods courses designed for students majoring in Epidemiology, Biostatistics and related fields, and those interested in a detailed introduction to the design and conduct of epidemiologic studies. Students who take EPI201 are expected to take EPI202 (Methods II).

Course Note: Thursday or Friday lab required.
Course is mutually exclusive with EPI200, EPI208, EPI500, and ID200. You may not take both this course and any of those courses.

Requirements: Students are required to enroll in both EPI 201 and EPI 201 LAB.

To enroll in a section of EPI 201 LAB, students must first enroll in EPI 201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt

Epidemiology 202 Section: 1

Epidemiologic Methods 2: Elements of Epidemiologic Research (190269)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 150

EPI202 is a seamless continuation of EPI201. This course builds on the material from EPI201 and extends to concepts of statistical inference, data analysis methods and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. This course is designed primarily for doctoral students majoring in Epidemiology and related fields, and those interested in a research career requiring a rigorous foundation in the design, conduct and analysis of epidemiologic studies.

Class Note: A Thursday or Friday lab is required to complete this enrollment

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PHD PHS, GHP SM2, SM1 EPI, SM2 EPI
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: EPI201 AND (BST201 or BST202&203 or BST206&207/8 or ID207 or PHS2000)
(all courses may be taken concurrently)

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO

Epidemiology 202 Section: 2

Epidemiologic Methods 2: Elements of Epidemiologic Research (190269)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (2.5 Credits)		Schedule:	TR 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	150

EPI202 is a seamless continuation of EPI201. This course builds on the material from EPI201 and extends to concepts of statistical inference, data analysis methods and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. This course is designed primarily for doctoral students majoring in Epidemiology and related fields, and those interested in a research career requiring a rigorous foundation in the design, conduct and analysis of epidemiologic studies.

Class Note: A Thursday or Friday lab is required to complete this enrollment

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | PHD PHS, GHP SM2, SM1 EPI, SM2 EPI
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: EPI201 AND (BST201 or BST202&203 or BST206&207/8 or ID207 or PHS2000)
(all courses may be taken concurrently)

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO

Epidemiology 202LAB Section: 01

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 20

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Epidemiology 202LAB Section: 02

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 20

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI

202.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Epidemiology 202LAB Section: 03

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 20

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course

Epidemiology 202LAB Section: 04

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 20

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May

serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Epidemiology 202LAB Section: 05

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 17

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 202LAB Section: 06

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 20

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 202LAB Section: 07

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: F 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 20

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 202LAB Section: 08

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 20

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter

Epidemiology 202LAB Section: 09

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: F 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 20

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working

knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt

Epidemiology 202LAB Section: 10

Epidemiologic Methods 2: Elements of Epidemiologic Research - Required Lab (213285)

Murray Mittleman

Alejandro Szmulewicz

2024 Fall (0 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 17

Methods 2: Elements of Epidemiologic Research
Introduces elements of study design, data analysis and causal inference in epidemiologic research. Principles and methods are illustrated with examples, and reviewed through homework and in-class exercises. May serve as an introduction to more advanced study or as a concluding course for those desiring a working knowledge of epidemiologic methods. EPI 202 extends the concepts of study design, data analysis, and inference introduced in the introductory epidemiology courses.

Requirements: Students are required to enroll in both EPI 202 and EPI 202LAB.

To enroll in a section of EPI 202LAB, students must first enroll in EPI 202.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Epidemiology 205.2 Section: 1

Practice of Epidemiology (220095)

Eric Rimm

Heather Eliassen

2024 Fall (1.25 Credits) Schedule: F 0200 PM - 0400 PM

Instructor Permissions: None Enrollment Cap: 20

The seminars consist of student presentations of plans for collection and analysis of epidemiological data (typically for the doctoral dissertation), with discussion by students and faculty, mostly in Fall 2. Preparatory work is done under tutorial arrangements with members of the faculty in Fall 1 The emphasis is on conceptual issues necessary for the development of a feasible and informative epidemiological study.

Course Activities: Individual student grant proposal and presentation, class discussion, and student and faculty critiques.

Course Note: This course is only for PhD PHS Epidemiology and Nutrition students who have passed their PQEI.

Prerequisite: at least a full year of epidemiology methods and biostatistics methods. Two years of such courses is strongly preferred.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
HSPH:Year Long Course	HSPH:Year Long Course

Epidemiology 207 Section: 1

Advanced Epidemiologic Methods (190274)

James Robins

2024 Fall (2.5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 62

Provides an in-depth investigation of statistical methods for drawing causal inferences from observational studies. Informal epidemiologic concepts such as confounding, selection bias, overall effects, direct effects, and intermediate variables will be formally defined within the context of a counterfactual causal model and with the help of causal diagrams. Methods for the analysis of the causal effects of time-varying exposures in the presence of time dependent covariates that are simultaneously confounders and intermediate variables will be emphasized. These methods include g-computation algorithm estimators, inverse probability weighted estimators of marginal structural models, g-estimation of structural nested models. As a practicum, students will reanalyze data sets using the above methods.

Course Activities: Class discussion, homework, practicum and final examination.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | PHD PHS EPI
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)
**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: [(BST210 or BST213) and EPI289)] or (PHS 2000A and EPI 289). Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO

Epidemiology 207LAB Section: 1

Advanced Epidemiologic Methods -LAB (220795)

James Robins

2024 Fall (0 Credits) Schedule: R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 62

Provides an in-depth investigation of statistical methods for drawing causal inferences from observational studies. Informal epidemiologic concepts such as confounding, selection bias, overall effects, direct effects, and intermediate variables will be formally defined within the context of a counterfactual causal model and with the help of causal diagrams. Methods for the analysis of the causal effects of time-varying exposures in the presence of time dependent covariates that are simultaneously confounders and intermediate variables will be emphasized. These methods include g-computation algorithm estimators, inverse probability weighted estimators of marginal structural models, g-estimation of structural nested models. As a practicum,

students will reanalyze data sets using the above methods.

Course Activities: Class discussion, homework, practicum and final examination.

Class Notes: Students are required to enroll in both EPI 207 and EPI 207LAB. To enroll in a section of EPI 207LAB, students must first enroll in EPI 207.

Requirements: Students are required to enroll in both EPI 207 and EPI 207LAB.

To enroll in a section of EPI 207LAB, students must first enroll in EPI 207.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter

Epidemiology 217 Section: 1

Epidemiology of Adult Psychiatric Disorders (190284)

Alexander Tsai

2024 Fall (2.5 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 56

Course Description
The goal of this course is to provide students with a working knowledge of the epidemiologic and clinical aspects of adult psychiatric disorders. A range of studies from early classics to recent work on the prevalence, risk factors, and distribution of major mental disorders will be covered. Through class discussion and completion of written assignments, special attention will be paid to the unique methodological and analytic issues highlighted in psychiatric epidemiological research. Students will consider implications for public health programs, interventions, and prevention.

Enrollment Requirements
Required: EPI201 or EPI208 or EPI500 or EPI505 or ID201. Concurrent enrollment is allowed for all required courses.
Recommended: EPI 204 or EPI 289 or BST 210 or BST 223 or BST 226

Pre-requisites: EPI201 or EPI208 or EPI500 or EPI505 or ID201. Concurrent enrollment is allowed for all required courses.

Requirements: Pre-requisites: EPI201 or EPI208 or EPI500 or EPI505 or ID201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO

Epidemiology 219 Section: 1

Assessment Concepts and Methods in Psychiatric Epidemiology (190286)

Deborah Blacker

2024 Fall (2.5 Credits) Schedule: F 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 32

Presents the application of basic epidemiologic and psychometric concepts and methods in psychiatric research. Topics include: measurement theory, reliability, validity, screening, and diagnostic classification procedures, as they specifically relate to psychiatric research. The course is in the psychiatric epidemiology track and is intended primarily for students interested in conducting mental health research.

Course Activities: Class discussion, brief homeworks, class project with oral presentation and final paper.

Course Note: Students should be familiar with the major forms of psychopathology, basic epidemiologic research methods, and introductory statistics; lab or section time to be arranged at first meeting.

Requirements: Pre-requisites: ID538 or ID201 or [(BIO200 or BST201 or BST202&203 or BST206&207 or BST206&208/209 or PHS2000A) and (EPI500 or EPI201 or EPI208 or EPI500 or EPI505)]

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO

Epidemiology 221 Section: 1

Pharmacoepidemiology (190288)

Elisabetta Patorno

Joshua Gagne

2024 Fall (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 64

Course Description
This course provides an overview on the inference about the effects of pharmaceuticals and other medical products on health outcomes generated from case reports, case series, vital statistics and other registration schemes, cohort studies, and case-control studies. Decision-making with inadequate and imperfect data is examined from the perspectives of researchers, manufacturers, and regulators. This course is intended primarily as an introduction to pharmacoepidemiology for students wishing to pursue a career in pharmacoepidemiology, as a survey course for those who may be consumers of pharmacoepidemiologic

studies, and as an applied mid-level course for those who may have more general interest in methods.

Course Activities: Written individual and group assignments, modelled after real-world scientific contributions (e.g., letter to the editor, peer review of pharmacoepidemiologic study) and class discussion.

Course Note: Knowledge of epidemiology at the level of EPI 201 and a basic understanding of drug use and nomenclature are assumed.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 3: Essential Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 224 Section: 1

Cancer Prevention (190291)

Konrad Stopsack

Timothy Rebbeck

2024 Fall (2.5 Credits)

Schedule: M 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM

Instructor Permissions: None

Enrollment Cap: 20

Cancer is a preventable disease, but there is substantial heterogeneity and complexity in the etiology of cancer. This leads to challenges in developing and implementing interventions to reduce individual, public health, and population health cancer burdens. This course will help students develop a framework for assessing and designing cancer prevention strategies to reduce the burden of cancer. Approaches to cancer prevention will focus on primary and secondary (screening, early detection) prevention, in addition to selected examples of tertiary prevention. The lectures and readings will examine different theoretical and practical issues around effectiveness, feasibility, and sustainability, including theories of behavior change, population vs. high-risk approaches, risk perception and communication, and barriers to success. Through problem-based learning exercises, students will review the strategies for cancer prevention in the areas of tobacco control, physical activity and obesity, cancer screening, and vaccines, in addition to other topics. We will emphasize the timing of prevention in the context of the natural history of disease etiology, precision and mechanistically-based prevention strategies, and consider population-based approaches to prevention. Strategies for prevention on multiple levels will also be examined. Students will have homework assignments to collect and apply new knowledge to case studies, which will be used to develop a cancer prevention intervention as a final project.

Requirements: Prerequisites: EPI202 or ID201; may be taken concurrently; Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 247 Section: 01

Epidemiologic Methods Development - Past and Present (190311)

Murray Mittleman

2024 Fall (2.5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 26

This course aims to provide students with a strong foundation in understanding the theoretical basis of currently used epidemiologic methods and also to help students acquire an understanding of the process of developing new approaches. The course will review the theoretical basis of modern epidemiology by reviewing landmark papers in the development of epidemiologic methods. Students will review classic papers that introduced important theoretical and methodological advances in the field.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | PHD PHS EPI
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)
Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)
**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements:

Pre-requisites: EPI289

Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO

Epidemiology 249 Section: 1

Molecular Biology for Epidemiologists (190312)

Immaculata De Vivo

2024 Fall (2.5 Credits) Schedule: WF 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 36

Molecular Biology for Epidemiologists, taught by Dr. Immaculata De Vivo, offers an overview of fundamental molecular biology concepts and techniques commonly used in the laboratory and in epidemiological research. During the term, we will cover a broad range of topics including, but not limited to, the mechanisms and regulatory processes involved in different steps of the central dogma of molecular biology, how cellular mechanisms go awry and how these cells can be repaired, Mendelian and non-Mendelian genetics, meiosis, mitosis, and both novel and classical molecular biology tools. This course will be of most interest to those who have not taken a recent college-level course in molecular biology, or equivalent.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | SM2-CBQG
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)
**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements:

Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 257 Section: 1

Hot Topics in Cancer Epidemiology (190320)

Erica Warner

2024 Fall (2.5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 24

This course is an advanced seminar in current cancer research. The goal of this course is to present an integrated view of current issues central to cancer epidemiology. We will build on knowledge gained in other courses and cover cancer sites not typically discussed in other courses. The course will take a global perspective on cancer epidemiology, and will emphasize the integration of knowledge from other courses. The course is intended for graduate students who have a research focus in, or a strong interest in cancer epidemiology and cancer prevention. Meetings are expected to be participatory discussions about the current status and future directions for research in the selected areas. Previous enrollment in EPI213 Cancer Epidemiology is recommended.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Classification	Even Year Class
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course

Epidemiology 261 Section: 1

Clinical Research Practice (222892)

Kyle Bird

2024 Fall (2.5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 25

Course participants will gain a detailed background of clinical research practice including regulatory requirements, essential elements of Good Clinical Practice, financing/budgeting of clinical trials, and an introduction to pre-award grants management that will serve as a prerequisite to an optional competitive internship at Dana-Farber Harvard Cancer Center institutions. Secondarily, clinical practitioners across HSPH may apply course concepts to their own clinical research and management of their research teams. The intended course audience includes current and future medical and public health professionals who intend to participate in the clinical trials life cycle either in an investigator role or as a study team member (clinical research coordinator, regulatory affairs, data analysis and interpretation).

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 286 Section: 1

Database Analytics in Pharmacoepidemiology (190329)

Krista Huybrechts

Sebastian Schneeweiss

2024 Fall (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 56

Using contemporary examples and with the participation of prominent researchers in pharmacoepidemiology, this course addresses a range of study designs and analytic techniques for non-experimental studies on the utilization, safety, and effectiveness of pharmaceuticals. During the course students will plan, implement, and analyze a safety or effectiveness study in a large electronic healthcare database using an easy-to-use software platform. Faculty will lead in-class discussions on design options, analysis strategies, and sensitivity analyses for confounding and other biases. This course is intended for individuals who plan to conduct non-randomized studies using electronic healthcare databases in academia, the pharmaceutical/biotech industry, pharmaceutical benefits management, national regulatory bodies, or other research organizations. No programming experience is required.

Course activities: Class discussion, reading homework, active learning, class project analyzing healthcare claims data using a specialized analysis platform.

Course notes: familiarity with epidemiology study designs and data analysis approaches is expected.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course
HSPH: Indpt. Study / Research	NO

Epidemiology 300

Independent Study (190341)

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Independent Study	HSPH Independent Study 300

Epidemiology 300 Section: 002

Independent Study (190341)

2024 Fall (0 Credits) Schedule:

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 300 Section: 003

Independent Study (190341)

2024 Fall (0 Credits) Schedule:

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300

Epidemiology 311 Section: 1

Teaching (190344)

Julie Buring

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Epidemiology 311 Section: 10

Teaching (190344)

Murray Mittleman

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 311 Section: 11

Teaching (190344)

Murray Mittleman

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Epidemiology 311 Section: 12

Teaching (190344)

Murray Mittleman

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Epidemiology 311 Section: 14

Teaching (190344)

Dan Chasman

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Epidemiology 311 Section: 15

Teaching (190344)

Albert Hofman

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 2

Teaching (190344)

Julie Buring

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 311 Section: 20

Teaching (190344)

Kathryn Terry

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 21

Teaching (190344)

Deborah Blacker

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 22

Teaching (190344)

Konrad Stopsack

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 1

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective

Epidemiology 311 Section: 23

Teaching (190344)

James Robins

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 24

Teaching (190344)

James Robins

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 311 Section: 25

Teaching (190344)

James Robins

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 26

Teaching (190344)

Peter Kraft

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 27

Teaching (190344)

Megan Murray

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 28

Teaching (190344)

Peter Kraft

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 311 Section: 29

Teaching (190344)

Kayla Laserson

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 3

Teaching (190344)

Julie Buring

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Epidemiology 311 Section: 4

Teaching (190344)

Earl Cook

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Epidemiology 311 Section: 5

Teaching (190344)

Earl Cook

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 311 Section: 6

Teaching (190344)

Earl Cook

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 311 Section: 7

Teaching (190344)

Miguel Hernan

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Epidemiology 311 Section: 8

Teaching (190344)

Miguel Hernan

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Epidemiology 311 Section: 9

Teaching (190344)

Miguel Hernan

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Time and credit to be arranged.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Epidemiology 315 Section: 1

Research: Clinical Epidemiology (190345)

Pamela Rist

2024 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 1998

All students who intend to complete the requirements for a Master of Science in Epidemiology based on only a summer schedule, are required to undertake and complete a clinical research project at their institution under the supervision of a local mentor and a member of the Harvard faculty. Five to 12.5 tutorial credits will be granted for this research. Each student is required to submit a written paper summarizing his or her research project. The exact content of this research project is determined by the faculty member assigned as principal advisor to the student. An appropriate content for this project might include the development of a research proposal to address a clinical question of interest, the implementation of this proposal with the collection of patient data, the analysis of these data, and the creation of a publishable manuscript (with detailed appendices) to describe the results of the analysis. Alternatively, part of this project might pertain to the creation of a full-fledged RO1 study protocol in the National Institutes of Health format, a publishable paper based on the analysis of existing data, a decision analysis, or a cost-effectiveness analysis.

Course Activities: Supervised research. Written progress reports must be submitted each semester.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 315 Section: 2

Research: Clinical Epidemiology (190345)

Pamela Rist

2024 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 1998

All students who intend to complete the requirements for a Master of Science in Epidemiology based on only a summer schedule, are required to undertake and complete a clinical research project at their institution under the supervision of a local mentor and a member of the Harvard faculty. Five to 12.5 tutorial credits will be granted for this research. Each student is required to submit a written paper summarizing his or her research project. The exact content of this research project is determined by the faculty member assigned as principal advisor to the student. An appropriate content for this project might include the development of a research proposal to address a clinical question of interest, the implementation of this proposal with the collection of patient data, the analysis of these data, and the creation of a publishable manuscript (with detailed appendices) to describe the results of the analysis. Alternatively, part of this project might pertain to the creation of a full-fledged RO1 study protocol in the National Institutes of Health format, a publishable paper based on the analysis of existing data, a decision analysis, or a cost-effectiveness analysis.

Course Activities: Supervised research. Written progress reports must be submitted each semester.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Epidemiology 315 Section: 3

Research: Clinical Epidemiology (190345)

Pamela Rist

2024 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: 1998

All students who intend to complete the requirements for a Master of Science in Epidemiology based on only a summer schedule, are required to undertake and complete a clinical research project at their institution under the supervision of a local mentor and a member of the Harvard faculty. Five to 12.5 tutorial credits will be granted for this research. Each student is required to submit a written paper summarizing his or her research project. The exact content of this research project is determined by the faculty member assigned as principal advisor to the student. An appropriate content for this project might include the development of a research proposal to address a clinical question of interest, the implementation of this proposal with the collection of patient data, the analysis of these data, and the creation of a publishable manuscript (with detailed appendices) to describe the results of the analysis. Alternatively, part of this project might pertain to the creation of a full-fledged RO1 study protocol in the National Institutes of Health format, a publishable

paper based on the analysis of existing data, a decision analysis, or a cost-effectiveness analysis.

Course Activities: Supervised research. Written progress reports must be submitted each semester.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 1

Research (190348)

Mingyang Song

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Epidemiology 350 Section: 10

Research (190348)

Immaculata De Vivo

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 350 Section: 103

Research (190348)

Jordan Smoller

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Epidemiology 350 Section: 105

Research (190348)

Mingyang Song

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 350 Section: 106

Research (190348)

David Christiani

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 350 Section: 109

Research (190348)

Gary Curhan

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Epidemiology 350 Section: 11

Research (190348)

Molin Wang

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 112

Research (190348)

Eva Schernhammer

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 115

Research (190348)

Alkes Price

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 119

Research (190348)

Douglas Dockery

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Epidemiology 350 Section: 12

Research (190348)

Lori Chibnik

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 122

Research (190348)

Michele Hacker

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 350 Section: 125

Research (190348)

Heather Eliassen

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 128

Research (190348)

Liming Liang

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Epidemiology 350 Section: 13

Research (190348)

Henning Tiemeier

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective

Epidemiology 350 Section: 131

Research (190348)

Murray Mittleman

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 350 Section: 137

Research (190348)

Bill Hanage

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 350 Section: 14

Research (190348)

Yuan Ma

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Epidemiology 350 Section: 146

Research (190348)

James Robins

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Epidemiology 350 Section: 15

Research (190348)

Yuan Ma

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 350 Section: 152

Research (190348)

Tyler VanderWeele

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Epidemiology 350 Section: 153

Research (190348)

Karestan Koenen

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Epidemiology 350 Section: 155

Research (190348)

Joshua Gagne

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Epidemiology 350 Section: 158

Research (190348)

Goodarz Danaei

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 350 Section: 16

Research (190348)

Yuan Ma

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 350 Section: 170

Research (190348)

Michelle Holmes

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Epidemiology 350 Section: 173

Research (190348)

Olivia Okereke

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 180

Research (190348)

Timothy Rebbeck

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective

Epidemiology 350 Section: 183

Research (190348)

Brittany Charlton

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Epidemiology 350 Section: 19

Research (190348)

Francine Grodstein

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 2

Research (190348)

Mauricio Santillana

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 21

Research (190348)

Issa Dahabreh

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Epidemiology 350 Section: 22

Research (190348)

Marian Hannan

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Epidemiology 350 Section: 25

Research (190348)

Russ Hauser

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Epidemiology 350 Section: 26

Research (190348)

Sereno Reisner

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Epidemiology 350 Section: 27

Research (190348)

Sereno Reisner

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 350 Section: 28

Research (190348)

Sereno Reisner

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Epidemiology 350 Section: 3

Research (190348)

Caroline Buckee

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 350 Section: 30

Research (190348)

Miguel Hernan

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Epidemiology 350 Section: 31

Research (190348)

Sonia Hernandez-Diaz

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 34

Research (190348)

Marc Weisskopf

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 37

Research (190348)

Peter Kraft

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 4

Research (190348)

Albert Hofman

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Epidemiology 350 Section: 40

Research (190348)

Elise Robinson

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
HSPH: Course Category	Category 4: Elective

Epidemiology 350 Section: 41

Research (190348)

Lisa Berkman

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Epidemiology 350 Section: 43

Research (190348)

Francine Laden

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 46

Research (190348)

I-Min Lee

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 49

Research (190348)

Marc Lipsitch

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 5

Research (190348)

Tamarra James-Todd

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective

Epidemiology 350 Section: 51

Research (190348)

Krista Huybrechts

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Epidemiology 350 Section: 53

Research (190348)

Tamarra James-Todd

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt

Epidemiology 350 Section: 55

Research (190348)

Lorelei Mucci

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Epidemiology 350 Section: 58

Research (190348)

Megan Murray

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Epidemiology 350 Section: 6

Research (190348)

Julie Buring

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 350 Section: 61

Research (190348)

Janet Rich-Edwards

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Epidemiology 350 Section: 64

Research (190348)

Eric Rimm

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 350 Section: 7

Research (190348)

Edward Giovannucci

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Epidemiology 350 Section: 70

Research (190348)

Sebastian Schneeweiss

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Epidemiology 350 Section: 73

Research (190348)

Joel Schwartz

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 350 Section: 79

Research (190348)

Meir Stampfer

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 8

Research (190348)

Jessica Young

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 88

Research (190348)

Walter Willett

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 350 Section: 9

Research (190348)

Andrew Beam

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt

Epidemiology 350 Section: 90

Research (190348)

Barbra Dickerman

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Epidemiology 350 Section: 97

Research (190348)

Deborah Blacker

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Epidemiology 400 Section: 19

Non-Resident Research (190350)

Immaculata De Vivo

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 400 Section: 20

Non-Resident Research (190350)

Heather Eliassen

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 400 Section: 21

Non-Resident Research (190350)

Sonia Hernandez-Diaz

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Epidemiology 400 Section: 4

Non-Resident Research (190350)

Peter Kraft

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 400 Section: 7

Non-Resident Research (190350)

Marc Lipsitch

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Epidemiology 501 Section: 1

Dynamics of Infectious Diseases (190352)

Megan Murray

Emmanuelle Dankwa

2024 Fall (2.5 Credits) Schedule: W 0945 AM - 1115 AM
W 0945 AM - 1115 AM
W 0945 AM - 1115 AM
W 0945 AM - 1115 AM
MW 0945 AM - 1115 AM

Instructor Permissions: Instructor Enrollment Cap: 37

This course covers the basic concepts of infectious disease dynamics within human populations. Focus will be

on transmission of infectious agents and the effect of biological, ecological, social, political, economic forces on the spread of infections. We will emphasize the impact of vaccination programs and other interventions. The dynamics of host-parasite interaction are illustrated using basic mathematical modeling techniques. A key component of the course is the introduction to the programming mathematical modeling techniques. A key component of the course is the introduction to the programming language R, which we will use for all mathematical modeling activities and examples.

Course Activities: In-class demonstrations and practical sessions, written homework assignments and final class debate. Previous coursework in epidemiology and programming helpful but not required.

Students outside of HSPH must request instructor permission to enroll in this course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 507 Section: 01

Principles of Genetic Epidemiology (190358)

Dan Chasman

Jie Hu

2024 Fall (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 40

Introduces the basic principles and methods of genetic epidemiology. After a brief review of history of genetic epidemiology, methods for the study of both high penetrance and low penetrance alleles, as well as other high throughput genomic data will be described and discussed. Methods of analysis of genome-wide association studies are a particular focus. Examples of contribution of genetic analysis to major diseases will be reviewed.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | PHS EPI, SS EPI
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add

themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)
**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Prerequisites: [EPI201 and (EPI202 or BST210)] or PHS2000A or BST213.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Epidemiology 519 Section: 1

Evolutionary Epidemiology of Infectious Disease (190368)

Bill Hanage

2024 Fall (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 23

Like all living things, pathogens have evolved by natural selection. The application of evolutionary principles to infectious disease epidemiology is crucial to such diverse subjects as outbreak analysis, the understanding of how different genomic combinations of virulence and drug resistance determinants emerge, and how selection acts to produce successful pathogens that balance the costs and benefits of virulence and transmission. The goal of this course is to introduce basic evolutionary concepts, highlighting the importance of transmission to the fitness as illustrated by comparisons of the adaptive process among different sorts of pathogenic microorganisms. Students will also learn the basics of phylogenetic sequence analysis for the study of outbreaks and transmission, and the construction of simple mathematical models that probe the adaptive process.

Students outside of HSPH must request instructor permission to enroll in this course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 522 Section: 1

Analytic Methods for Epidemiology (190371)

Garrett Fitzmaurice

E. Orav

Kale Kponee

2024 Fall (5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 70

Course Description
This course will cover a wide variety of methods used to analyze epidemiologic data. It will start with a brief review of the basic principles of causal inference to distinguish causal effects from measures of association. This will provide a basis for introducing regression-based methods to control for confounding, including logistic regression and propensity score analysis. The course will also cover survival analysis and Cox proportional hazards regression for time-to-event data, methods for missing data, and methods for developing and validating prediction rules based on regression models. Finally, the course will consider a number of extensions of logistic regression, including conditional logistic regression, ordinal logistic regression, multinomial logistic regression, and logistic regression for longitudinal and cluster-correlated data. You will learn to implement these analytic methods using the Stata statistical software package, and you will apply these methods to a research question of your own interest by working on a group project with a publicly-available dataset.

Course Restricted: Course open to MPH-EPI students only

Not available for Cross Registration

Enrollment Requirements Corequisite: ID207

Requirements: Corequisite: ID207
Course Restricted: Students in the MPH EPI program

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 2: Required Course

Epidemiology 523 Section: 1

Investigating Outbreaks (190372)

Kayla Laserson

Samir Sodha

2024 Fall (1.25 Credits) Schedule: SS 0830 AM - 0530 PM

Instructor Permissions: None Enrollment Cap: 64

The investigation of disease outbreaks both predates and gave birth to the fields of epidemiology and public health. In the modern day, tried and true epidemiologic methods persist along with new, sophisticated

methods of discovery. The topic of outbreaks is also the fodder of movies and television with fictional characters playing the glamorous role of disease detectives solving ripped from the headlines situations. This course is grounded in the evidence-base and draws from the literature and field-based experience of the instructors to create an intensive and immersive two and a half-day learning experience. Key to the success of the course are learning experiences that leads up to (developing of Epi Info skills) and follows the interactive classroom-based experience (synthesis paper).

This course focuses on the fundamental epidemiologic skills needed to investigate an outbreak investigation. Mastery of the knowledge and skills in this area along with application during the course will foster the use of problem solving frameworks and implementation strategies needed to address future outbreak situations that you may face in your career. The case examples in the course and the real-time experience of attempting to address these scenarios will illustrate the complexities and unexpected nature of outbreak investigations. The experience of working in teams will also highlight the importance of collaboration in addressing pressing public health challenges.

Students outside of HSPH must request instructor permission to enroll in this course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Epidemiology 526 Section: 1

Analysis of Publicly Available Databases for Epidemiologic and Health Services Research (203524)

Ellen McCarthy

Sarinnapha Vasunilashorn

2024 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 40

This course addresses the use of existing public use databases to study important questions related to clinical risk factors, treatment, outcomes, and health policy. The course is designed to bridge coursework in epidemiological methods and biostatistics by providing practical experience manipulating and analyzing publicly available databases and complex surveys. Special attention is devoted to publicly available U.S. databases that are commonly used for epidemiologic and health services research and are readily available to new investigators. Such databases offer several advantages including their representative sampling designs allowing generalizability to larger populations, timeliness, and ability to evaluate trends, geographic variation, or rare conditions. Strengths and limitations of data sources will be considered. Practical issues in obtaining, linking, and analyzing databases will be emphasized throughout the course, and key statistical issues will be addressed, including appropriate analyses of complex survey designs. Students will complete programming exercises with STATA statistical software, prepare a proposal to analyze a specific research question using a public use database, and conduct analyses to address their research questions.
Students should have working knowledge of Stata, basic programming skills, and Stata IC software.

Students in the MPH-EPI program have priority enrollment in this course. All other students must request

instructor permission. Enrollment for non MPH-EPI students is based on a space available basis.

Class Notes: Students enrolled in the MPH in Epidemiology program have priority in this course. All other students must request instructor permission to enroll. Enrollment for non MPH-EPI students is based on a space available basis.

Requirements: Prerequisites: EPI204 or EPI236 or EPI522. Program Requirements: MPH-EPI students. Instructor permission required for all other students.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Indpt. Study / Research	NO

Epidemiology 527 Section: 1

Design and Conduct of Trials in Preventive Medicine (203526)

Howard Sesso

I-Min Lee

Jen Stuart

2024 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 45

This course is designed for students interested in the design, conduct, analysis, and interpretation of trials in preventative medicine. This course will balance current knowledge and concepts in clinical trial methodology alongside the operationalization of how to effectively conduct a trial. Students will learn the components of a trial protocol and manual of operations, and gain insights on the pragmatic aspects of trial design, management, analysis, and interpretation. We will also have students gain first-hand experience both in the design and conduct of a small-scale, short-term clinical trial, and perspective as a participant in a trial. This course will enable students to apply their knowledge to published trial findings to understand their place in clinical practice and guidelines.

Students enrolled in the MPH-EPI program have priority enrollment in this course. MPH-GEN students will be automatically added to the waitlist during wave 2. All other students must request instructor permission (with priority of approval going to summer-focused/summer only students) and will be added into the course during wave 3.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-EPI
Wave 2 | MPH-EPI and MPH-GEN
Wave 3 | MPH-EPI, MPH-GEN, and approved petitioners

Priority Wave Timing

Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts).

MPH-EPI and MPH-GEN students do not need to petition to enroll. Other students may petition, with students in summer-focused and summer-only programs receiving priority for petition approval.

Requirements: Prereqs: [ID207 & ID208] OR [BST202 & BST203 & EPI500 & EPI202] OR [EPI208 & BST206 & (BST207 OR BST208)] OR old ID207 (taken 2012-2014)].

MPH-EPI have priority enrollment in this course. MPH-GEN will be automatically waitlisted. Others must request instructor permission.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 3: Essential Course
HSPH: Indpt. Study / Research	NO

Epidemiology 528 Section: 1

Systematic Review and Meta-Analysis (203527)

Michael Stoto

2024 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 50

This course introduces students to the science of research synthesis. Principles and methods for conducting a systematic and quantitative review are illustrated through case studies of public health and medical issues, with emphasis on exploring sources of variation in various settings. The course will introduce research databases, reference management software, pooled estimates and sources of heterogeneity, bias, and practical applications.

Students enrolled in the MPH-EPI program have priority enrollment in this course. MPH-GEN students will be automatically added to the waitlist during wave 2. All other students must request instructor permission (with priority of approval going to summer-focused/summer only students) and will be added into the course during wave 3.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-EPI
Wave 2 | MPH-EPI and MPH-GEN
Wave 3 | MPH-EPI, MPH-GEN, and approved petitioners

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts).

MPH-EPI and MPH-GEN students do not need to petition to enroll. Other students may petition, with students in summer-focused and summer-only programs receiving priority for petition approval.

Requirements: Prereqs: [ID207 & ID208] OR [BST202 & BST203 & EPI500 & EPI202] OR [EPI208 & BST206 & (BST207 OR BST208)] OR old ID207 (taken 2012-2014)].

MPH-EPI have priority enrollment in this course. MPH-GEN will be automatically waitlisted. Others must request instructor permission.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Program Affiliation	MPH-EPI
HSPH: Course Category	Category 3: Essential Course
HSPH: Indpt. Study / Research	NO

Epidemiology 529 Section: 1

Applications of Epidemiology (205521)

Jen Stuart

2024 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 35

This course provides students with a wide variety of applications of epidemiology methods from a menu of

modules that reflects active research by the members of the Department of Epidemiology at the Harvard T.H. Chan School of Public Health. Modules contain 3-4 videos (total length approximately one hour) on a common topic and are listed by the twelve Areas of Interest within the Department of Epidemiology. These include Cancer Epidemiology and Cancer Prevention, Cardiovascular Epidemiology, Clinical Epidemiology, Environmental and Occupational Epidemiology, Epidemiologic Methods, Epidemiology of Aging, Infectious Disease Epidemiology, Genetic Epidemiology and Statistical Genetics, Neuro-Psychiatric Epidemiology, Nutritional Epidemiology, Pharmacoepidemiology, and Reproductive, Perinatal, and Pediatric Epidemiology. Students are required to view the videos and complete the assignments related to eight modules chosen from the listed options.

Course Prerequisite(s): [(ID 201)] OR [EPI 500 and (BST 202 and BST 203)] OR [(ID 207 and ID 208)] OR [(BST 206 and 207) OR (BST 206 and 208) and EPI 208].

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-EPI
Wave 2 | MPH-EPI and MPH-GEN
Wave 3 | MPH-EPI, MPH-GEN, and approved petitioners

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts).

MPH-EPI and MPH-GEN students do not need to petition to enroll. Other students may petition, with students in summer-focused and summer-only programs receiving priority for petition approval.

Requirements:

Pre-Requisites:
[(ID 201)] OR [EPI 500 and (BST 202 and BST 203)] OR [(ID 207 and ID 208)] OR [(BST 206 and 207) OR (BST 206 and 208) and EPI 208]

MPH-EPI and MPH-GEN do not need to petition. Priority to MPH-EPI students.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 4: Elective
HSPH: Program Affiliation	MPH-EPI

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter

Epidemiology 945F Section: 1

Applied Practice and Integrative Learning Experience for Epidemiology (208093)

Heather Baer

2024 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

All students completing a Master of Public Health degree must complete an Applied Practice Experience ("Practicum") and an Integrative Learning Experience (ILE). This required course is designed to meet both these degree requirements

Students in the Master of Public Health in Epidemiology (MPH-EPI) program are required to develop and conduct a supervised project (practicum) addressing a clinical or public health question of interest. This practicum may include aspects of epidemiology, biostatistics, decision sciences, or other quantitative aspects of public health. All students are assigned a Harvard faculty member to be their mentor for the practicum. The Harvard mentor can be from the Harvard T.H. Chan School of Public Health or from one of the other schools at the University.
During the first year of the program, members of the MPH-EPI Practicum Committee assist students in selecting an appropriate practicum topic and identifying the Harvard faculty member who will be their mentor for the practicum. Students then submit a brief proposal (the draft Learning Agreement) which must be approved by the mentor and the MPH-EPI Practicum Committee. During the second year, students have regular online meetings with their mentor to obtain guidance and feedback on the project. They submit the final version of the Learning Agreement in the fall, and they submit progress reports during the fall and spring. The practicum culminates with a presentation of the results at the end of the spring semester, and there is a symposium in May, right before graduation.
Enrollment Requirements
Course Restricted to students in the 2nd Year of the MPH-EPI program

Requirements: Course Restricted to students in the 2nd Year of the MPH-EPI program

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
HSPH: Program Affiliation	MPH-EPI
HSPH: Indpt. Study / Research	NO
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration

Epidemiology 946F Section: 1

Applied Practice and Integrative Learning Experience for Clinical Effectiveness (Academic Year) (208078)

Sachin Shah

Heather Baer

E. Orav

2024 Fall (2.5 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 65

All students completing a Master of Public Health degree must complete an Applied Practice Experience ("Practicum") and an Integrative Learning Experience (ILE). This required course is designed to meet both these degree requirements.

EPI 946F, SECTION 1 Sachin Shah (Primary Instructor), Heather Baer (Co-Instructor), E. John Orav (Co-Instructor)
This seminar course fulfills the Applied Practice Experience (APE, or "practicum") and Integrative Learning Experience (ILE) requirements for Academic-Year MPH in Clinical Effectiveness (MPH CLE) students. For their practicum, all MPH CLE students develop and conduct an applied analytic project that includes aspects of epidemiology, biostatistics, decision sciences, or other quantitative aspects of public health. The practicum culminates in a final presentation about their project during EPI 946, an on-campus seminar that meets on Friday mornings from 8-9:30 am. Students are required to attend the seminar to hear and comment on other students' presentations. Students will present on their own project during one of their two semesters in EPI 946, and during the other semester, they will write two critiques of other students' presentations. Students are exposed to a variety of research designs, analytic strategies, and content areas, and there is active class discussion. Faculty emphasize methodologic issues pertinent to the class research presentation. In addition to the presentation, there is also a final paper about the project (the Integrative Learning Experience) that all students will submit in the Spring semester. This paper is written in the form of a draft manuscript for publication. Before registering for EPI 946, students should review the detailed information about the MPH CLE practicum included on this website: https://www.hsph.harvard.edu/public-health-practice-resources/for-students/mph-practicum-information/mph-practicum/clinical-effectiveness-practicum/

Course Activities: Student presentations and written assignments (e.g., analysis plan, critiques)

Course Note: Must register separately in each appropriate semester (Fall and Spring); separate grade given at the end of each semester. Instructor approval required for all NON-MPH CLE students.

Course Note: You must register in each appropriate semester (Fall and Spring, 2 semesters total); separate grade given at the end of each semester.

Requirements: Course Restricted to students in the Clinical Effectiveness (academic year) concentration.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Subject: Interdepartmental

Interdepartmental 537 Section: 1

Obesity Epidemiology (190821)

Jorge Chavarro

Frank Hu

2024 Fall (2.5 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 48

This course reviews current evidence on the burden, causes, consequences, and prevention of obesity from an epidemiological perspective. The course also reviews common epidemiologic methods to conduct obesity research and provides students with skills to critically analyze studies in obesity epidemiology. The policy and public health implications of recent findings in obesity research are discussed through case-studies.

Students outside of HSPH must request instructor permission to enroll in this course

Requirements: Pre-requisites: ID538 or ID201 or PHS 2000 or [(BIO200 or BIO201 or BIO202&203 or BIO206&207 or BIO206&208 or BIO206&209) and (EPI500 or EPI201 or EPI208 or EPI505)]

ID538 may be taken concurrently

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course
eForm Autosubmitter	Auto Submitter

Global Health and Population

Subject: Interdepartmental

Interdepartmental 205 Section: 1

Societal Response to Disasters (190741)

Satchit Balsari

Jennifer Leaning

2024 Fall (2.5 Credits) Schedule: R 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 50

This foundation course examines how societies and states have responded to a range of disasters around the world, drawing key lessons for communities (and nations) preparing for climate changes. Original case-studies span extreme weather events, nuclear and other industrial accidents, stampedes and mass gatherings, and the pandemic. Students will study how decisions are made (or fail) during crises and critically examine current frameworks for disaster planning priorities and action. Drawing on field-experiences and research conducted by Harvard faculty, this course is also a primer for disaster impact ascertainment, employing community-based survey tools with novel and emerging data streams.

Requirements: Students outside of HSPH must request instructor permission to enroll

in this course

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 552 Section: 1

Innovation and Global Health Systems (190829)

Rifat Atun

2024 Fall (2.5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 55

This course examines innovation from a systems perspective. Aimed at high level practitioners interested in leadership roles in the public, private, nonprofit and multi/bi-lateral arenas, the course will take the form of a structured discussion-based seminar. Objectives are to gain foundational knowledge on health systems thinking and innovation through cross-cutting themes, case studies and enabling ecosystems. Throughout, high-level leaders will join the course, providing an opportunity for students to gain a deep understanding of respective areas of expertise. Because of the importance of exposing future practitioners and leaders to current innovators in the field of health systems, approximately 40% of the sessions for this course will be facilitated by outside faculty and speakers.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective

Subject: Global Health & Population

Global Health & Population 200 Section: 1

Doing Health Reform Better (220200)

Michael Reich

2024 Fall (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 67

This course provides an introduction to the analysis of health systems and the processes of health reform, with attention to the technical, political, and ethical aspects of "doing health reform better," and a focus on low-income and middle-income countries. The course is structured around the analytical framework of five policy levers of financing, payment, organization, regulation, and persuasion, as critical determinants of health system performance. The course uses different pedagogical formats, including lectures, interactive

large-group discussions, case studies, and small group projects. The overall objective is to provide a practical approach for diagnosing the causes of disappointing health system performance, and devising implementable reforms to improve the level and equity of performance—in short, doing health reform better.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective

Global Health & Population 204 Section: 1

Foundations of Global Mental Health (211165)

Vikram Patel

Giuseppe Raviola

2024 Fall (2.5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 50

The course is an introduction to the field of global mental health. The curriculum is primarily informed by the Lancet Commission on Global Mental Health & Sustainable Development (2018) (https://www.thelancet.com/commissions/global-mental-health) which proposed a re-framing of mental health in three key ways: adopting a dimensional approach to mental health; recognizing the convergence of social and biological determinants in the emergence of mental health problems; and realizing a rights based approach to mental health. The curriculum also curates the key messages from the World Mental Health Report published by World Health Organization in 2022 (https://www.who.int/publications/i/item/9789240049338) and a Health Policy paper in the Lancet (https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(23)00918-2/fulltext) . The course takes a life course approach and focuses on determinants and risk factors for mental health problems and the policy options to address mental health problems. Besides the two instructors, one of whom (VP) was the lead editor of the Commission, the course includes a selection of leading experts as guest instructors for specific sessions. This course is cross-listed at Harvard Medical School.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 210A Section: 1

Concepts and Methods for Global Health and Population Studies (Part A) (222151)

David Canning

2024 Fall (2.5 Credits) Schedule: W 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 24

This course is intended as a survey of the ideas, theories, data, methods and debates in the study of global health and population. It is organized around two major themes. The first theme – family and population health – will cover the major present and future drivers of population health globally (such as aging, urbanization, changing lifestyles, pandemics, and climate change), as well as the major burdens of diseases and their global distributions. It will further cover the important relationships between global health, human development and equitable societies. One methodological focus of this theme will be population-, community- and family-based interventions to reduce the world's largest health risks and disease burdens, boosting health literacy and fluency, motivating behavior change for health, and enhancing screening and early disease detection, as well as supporting long-term treatment and care. Another methodological focus of this theme will be a broad-scope introduction to the scientific methods of studying family and population health, including approaches to understand the drivers and contexts of health and disease, and designing and evaluating novel interventions and policies.

The second theme – health systems – will cover underlying theories and empirical evidence for analyzing different components of a health care system and how they interact with each other to determine a health system's performance. Specifically, it will cover existing health system frameworks and how they compare with each other, different financing approaches, provider payment methods, market structures, models of organization of healthcare delivery, regulation, and behavioral interventions. It will also cover ethical principles in guiding health system reform and priority setting. In addition, it will cover political economy in health reform decision and implementation. This part of the course adopts an inter-disciplinary approach, drawing on economics, political science, ethics, organizational behavior, among others.

Once students have completed this course, they will be able to (i) describe and explain the major drivers of health and disease worldwide, (ii) identify and explain major mechanisms that connect health with human, economic and social development, (iii) identify powerful interventions for population health, (iv) select the best methods to discover, design, test, and transport novel interventions and policies to boost population health. They will also be able to (v) describe and explain health systems goal and levers, (vi) compare and contrast the major approaches to funding, paying for, delivering, governing and regulating healthcare, and (vii) distinguish and critically apply alternative conceptions of equity in the context of health and health systems.

Class Notes:	Grade and Credit Units Note: GHP 210 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. Students only receive a grade in GHP 210 after they have completed both Part A and Part B. At the end of the Fall term, students will receive an "IP" ("in progress") grade in GHP 210A. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. This means the 2.5 credits from GHP 210A will not be reflected in the student's transcript when the "IP" grade is present. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 5 credits the student earned from GHP 210. Students will be enrolled administratively into Part B before the Spring term begins.
Requirements:	Course Restricted: SD, DPH, DRPH, PHD students only

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Indpt. Study / Research	NO

Global Health & Population 220 Section: 1

Introduction to Demographic Methods (190390)

Marcia Castro

2024 Fall (2.5 Credits) Schedule: F 0800 AM - 0930 AM
MW 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 48

This is an introductory level class on the analysis of mortality, fertility and population change. It is required for all masters' and doctoral students in the department of Global Health and Population. Students are introduced to the core literature in this field through lectures, and assigned readings selected from peer-reviewed journals and textbooks. Together, these provide a graduate-level introduction to the principle sources and characteristics of population data and to the essential methods used for the analysis of population problems. The emphasis throughout is on understanding the key processes, models and assumptions used primarily for the analysis of demographic components. Practical training will be given through a required weekly laboratory session, assignments, and a final examination. Examples presented in class and used in assignments are drawn from several countries, combining both developed and developing in assignments are drawn from several countries, combining both developed and developing world realities.

Course Note: Priority enrollment for GHP-SM2 and doctoral students in GHP. Any remaining seats will be available on a first-come first-serve basis. Students outside of HSPH must request instructor permission to enroll in this course.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | PhD PHS-GHP, GHP SM2
Wave 2 | PhD PHS-GHP, GHP SM2
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)
Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority

wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)
**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO

Global Health & Population 230 Section: 1

Introduction to Economics with Applications to Health and Development (190394)

Margaret McConnell

2024 Fall (2.5 Credits) Schedule: MW 0200 PM - 0330 PM
F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 70

This course provides an overview of the microeconomic theories and concepts most relevant for understanding health and development. Each week of the course will cover basic concepts in economics with an application to health.

It describes how the markets for health and health services are different from other goods, with a particular emphasis on the role of government and market failure. In addition it discusses the theoretical and empirical aspects of key health economics issues, including the demand for health and health services, supply side concerns, health insurance, the provision of public goods, and related topics. The course encourages students to fundamentally and rigorously examine the role of the market for the provision of health and health services and how public policy can influence these markets.

At the completion of the course, you will:

1) Understand the basic intuition of microeconomics models of consumers, producers and welfare.
2) Understand market failures, their implications and solutions.
3) Be familiar with current issues in global health economics around the demand for health and health insurance.
4) Consume, discuss and write about economic studies of health and health care systems.

Priority Enrollment: Course is required for GHP-SM2, MPH45-GH. Any remaining seats will be available on a first-come first-serve basis. Students outside of HSPH must request instructor permission to enroll in this course.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | GHP SM2, MPH45 GH, and PhD PHS-GHP
Wave 2 | GHP SM2, MPH45 GH, and PhD PHS-GHP
Wave 3 | Open Enrollment

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 262 Section: 1

Emerging Issues in Humanitarian Response (205597)

Patrick Vinck

Michael VanRooyen

2024 Fall (2.5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 45

The course introduces the foundational concepts, theory and emerging issues essential for understanding and engaging in humanitarian research and intervention. The course will prepare students to understand and engage in humanitarian response, while examining emerging critical challenges that have multi-dimensional global impacts. These issues include armed conflict, social oppression migration, community engagement and accountability, among other themes. The major options for protection and support-including early warning, prevention, and mitigation strategies - will be analyzed through case studies and discussion of current research findings, and through the lenses of the norms, actors, and processes of international humanitarian and human rights law, operations, and policy.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Global Health & Population 272 Section: 1

Foundations of Global Health and Population (190409)

David Canning

Joel Lamstein

2024 Fall (5 Credits) Schedule: MWF 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 37

This course is required for all incoming master of science students in Global Health and Population. It is intended as a broad survey of the main facts, issues, perspectives, methods, results, and conclusions in the areas of global population and health.

The course is organized into three blocks. The first block deals with theory, methods, and evidence related to the state of global health and population and reviews salient population and health issues, both past and present. The focus is on patterns and trends in morbidity, mortality, fertility, and reproductive health, as well as the size, structure, and growth of population. Environmental concerns and inequities linked to health and population are also addressed.

The second block deals with the economic, social, legal, political, ecological, and historical contexts in which global health and population issues arise and must be addressed. This block introduces economic, political, and rights-based perspectives on the place of health in the process of international development.

The third block covers approaches to the design and implementation of policies and programs to address health and population problems. Medical interventions, non-medical health interventions, and non-health interventions will all be considered.

Course is Restricted: SM2 research students in the Department of Global Health and Population. Any remaining seats will be made available to other students pending instructor permission.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | GHP SM2
Wave 2 | GHP SM2
Wave 3 | Open Enrollment

Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO

Global Health & Population 299A Section: 1

Masters Thesis (205230)

Christopher Sudfeld

Nicolas Menzies

Stephane Verguet

Aisha Yousafzai

2024 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

This is a year-long course worth a total of 5 credits (2.5 in the fall and 2.5 in the spring).
Student must produce a written thesis in accordance with the thesis guidelines developed by the department.

Course Note: Enrollment limited to GHP SM2 students only.

Grade Note: GHP 299 is a yearlong class comprised of two parts: Part A in the Fall and Part B in the Spring. For enrollment purposes and planning credit totals, students should factor 2.5 credits during Fall and 2.5 credits during Spring. Students only receive a grade in GHP 299 after they have completed both Part A and Part B. At the end of the Fall term, students will receive an "IP" ("in progress") grade in GHP 299. This is a non-credit-bearing placeholder grade that will remain on the student's transcript until they receive a final grade at the end of the Spring term. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 5 credits the student earned from GHP 299.

Requirements: Course Restricted: GHP SM2 students only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter
Full Year Course	Indivisible Course
HSPH: Course Category	Category 2: Required Course
HSPH:Year Long Course	HSPH:Year Long Course
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	NO

Global Health & Population 300 Section: 1

Independent Study (190419)

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and

complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Global Health & Population 300 Section: 2

Independent Study (190419)

2024 Fall (0 Credits) Schedule:

Instructor Permissions: None Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 300 Section: 3

Independent Study (190419)

2024 Fall (0 Credits) Schedule:

Instructor Permissions: None Enrollment Cap: 300

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the

regular courses. The program provides an opportunity to consider the design of studies, programs, or analysis of data.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Independent Study	HSPH Independent Study 300

Global Health & Population 350 Section: 15

Research (190420)

Rifat Atun

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Global Health & Population 350 Section: 16

Research (190420)

Till Baernighausen

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 350 Section: 17

Research (190420)

Sebastian Bauhoff

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 350 Section: 20

Research (190420)

David Canning

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 350 Section: 21

Research (190420)

Marcia Castro

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 350 Section: 22

Research (190420)

Jessica Cohen

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 350 Section: 23

Research (190420)

Kevin Croke

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 24

Research (190420)

Goodarz Danaei

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 27

Research (190420)

Margaret Kruk

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Global Health & Population 350 Section: 29

Research (190420)

Margaret McConnell

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 30

Research (190420)

Nicolas Menzies

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 31

Research (190420)

Michael Reich

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 32

Research (190420)

Joshua Salomon

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 350 Section: 33

Research (190420)

Shekhar Saxena

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 350 Section: 34

Research (190420)

Christopher Sudfeld

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 35

Research (190420)

Stephane Verguet

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 350 Section: 36

Research (190420)

Winnie Yip

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 350 Section: 37

Research (190420)

Aisha Yousafzai

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 40

Non-Resident Research (190421)

Rifat Atun

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 400 Section: 42

Non-Resident Research (190421)

David Canning

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Global Health & Population 400 Section: 43

Non-Resident Research (190421)

Marcia Castro

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 44

Non-Resident Research (190421)

Jessica Cohen

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Global Health & Population 400 Section: 45

Non-Resident Research (190421)

Margaret Kruk

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Global Health & Population 400 Section: 46

Non-Resident Research (190421)

Michael Reich

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Global Health & Population 400 Section: 47

Non-Resident Research (190421)

Stephane Verguet

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 48

Non-Resident Research (190421)

Margaret McConnell

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 49

Non-Resident Research (190421)

Goodarz Danaei

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 400 Section: 50

Non-Resident Research (190421)

Sebastian Bauhoff

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt

Global Health & Population 400 Section: 51

Non-Resident Research (190421)

Kevin Croke

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 400 Section: 52

Non-Resident Research (190421)

Aisha Yousafzai

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 53

Non-Resident Research (190421)

Nicolas Menzies

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Global Health & Population 400 Section: 54

Non-Resident Research (190421)

Winnie Yip

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Global Health & Population 400 Section: 55

Non-Resident Research (190421)

Christopher Sudfeld

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 400 Section: 58

Non-Resident Research (190421)

Shekhar Saxena

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Global Health & Population 553 Section: 1

Human Rights Dilemmas in Child Protection (190466)

Jacqueline Bhabha

2024 Fall (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 20

A growing number of children and adolescents around the world are subjected to violence, exploitation and other forms of abuse. These harms persist despite the proliferation of international norms and structures designed to protect this population and promote its well-being. In many cases global transformations exacerbate rather than reduce the risks of abuse and increase the protection challenges these risks give rise to. Though each category of child protection deficit has its own characteristics and its attendant normative framework, they all share common and definable elements. These commonalities reflect key structures of the society in which the harms occur: growing income inequality and poverty; natural or man-made disasters of unprecedented destruction; a failure to move beyond concerns relating to basic child survival and attend to core child protection concerns. The study of how societies address their child protection obligations, including the normative framework, advance planning and policy and practice initiatives undertaken, reveals a series of profound and unresolved dilemmas that go to their self-definition as global players. An investigation of the human rights dilemmas that arise in child protection on a global scale presents, in a microcosm, a perspective on the social and political dynamics affecting some of the world's most vulnerable populations.

The perspective of this course is twofold. One focus is on the child protection issues themselves, their genesis and impact. The other is on the human rights strategies and dilemmas relevant to those (at both the individual and societal level) charged with responding to rights violations affecting children and fulfilling public child protection obligations. In the midst of historic technological advances and significant progress in the realm of international human rights, the strategic choices and responsibilities facing leaders and others concerned with child protection are of increasing complexity and scope. Some challenges require long term structural planning and the ability to marshall resources for child protection across agencies and governments. Other challenges require immediate emergency responses that entail diplomatic, logistical and leadership skills. Yet others require multidisciplinary, integrative talents in order to understand and impinge on detrimental contemporary transformations that have aggravated the plight of many of the world's most vulnerable children. Little work has been carried out systematically in any of these areas, with the result that expertise on the ground is thin and operates in a somewhat evidence-free zone.

A key concern of the course will be to integrate legal approaches with those developed in the health and social sciences. A recurring theme will be the evaluation of how international obligations map onto policy outcomes and how human rights mechanisms affect problems facing vulnerable children on the ground. The course will begin with a brief review of the theory and literature relating to child protection and international human rights. It will proceed with an in depth discussion of case studies covering central aspects of child protection, child labor, child trafficking, child soldiering and child persecution. Analytic points will be derived from an investigation of specific problems, the legal frameworks relating to them and the solutions that have been advanced to address them.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

Global Health & Population 557 Section: 1

Fundamentals of Global Health (190470)

Rifat Atun

2024 Fall (5 Credits) Schedule: MWF 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 67

This course will introduce the students to the fundamentals of global health, in particular the main trends, challenges, opportunities and strategies. The course will will explore current knowledge base, perspectives, and methods for global health. This course is required for all Master of Public Health students in the Department of Global Health and Population.

Health systems and determinants of health will be discussed in a series of interactive talks. Speakers include both practitioners and scholars in the field. In addition to exploring responses to the COVID-19 pandemic and other natural and human-made disasters, the course will examine non-communicable diseases, sexual and reproductive health, maternal and child health, mental health, and nutrition. Interventions such as pharmaceuticals, manpower development, data collection, and monitoring and evaluation will also be addressed. The course seeks to stimulate and encourage critical thinking.

Course restricted to MPH45 students in Global Health.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH 45 GH
Wave 2 | MPH 45 GH
Wave 3 | Open Enrollment

Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM

Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Requirements: Course Restricted to MPH students in the GH field of study.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course

Global Health & Population 945A Section: 1

Applied Practice Experience for Global Health (205232)

Peter Berman

Hailu Dhufera

2024 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 64

All students completing a Master of Public Health degree must complete an Applied Practice Experience ("Practicum"). This required course is designed to meet this degree requirement. In the course, students will identify and complete a practicum that will be of value to their professional development and career goals. Students will also share their practicum experience with their MPH colleagues via a "peer-to-peer" joint learning experience.

The course emphasizes practical skills and provides opportunities to connect with professionals and communities of practice in global health. The course sessions and networking opportunities are organized around:

- The global health practice experience which is undertaken throughout the academic year and for many students, provides a focus during Winter Session. For all projects, at least 120 work hours are required.
- A poster presentation to fellow students and faculty the application of theoretical and conceptual frameworks acquired at Harvard Chan within the context of the global health practice experience, as well as a written project abstract and brief self-reflection on lessons learned.

This is a year-long course worth a total of 2.5 credits (1.25 in the fall and 1.25 in the spring).

Grade Note: GHP 945 is comprised of two parts: Part A in the Fall and Part B in the Spring. The grade and 2.5 credits are only reflected on the transcript after students have completed both Part A and Part B in the spring. At the end of the Fall term, students will receive an "IP" ("In Progress") grade in GHP 945A. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits.

Course Requirements: Course restricted to MPH-45 GH students. This is a required course.

Requirements: MPH45 Global Health students only

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Not Available for Cross Registration
HSPH:Year Long Course	HSPH:Year Long Course
eForm Autosubmitter	Auto Submitter
Full Year Course	Indivisible Course

HSPH Interdepartmental

Subject: Interdepartmental

Interdepartmental 100 Section: 1

Foundations for Public Health (216476)

Sue J. Goldie

2024 Fall (1 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

The purpose of this course is to provide an introduction to public health and establish a solid foundation for your education, experience and engagement over the next year. In the summer portion of the course, you will be introduced to the principles and science of public health, the major causes of morbidity and mortality, the social determinants of health, and the ways society can respond from the health sector and from outside the health sector. You will become familiar with commonly used metrics and measures that make up the "language of public health" and be exposed to conceptual frameworks that will help you to "ask the right questions". In the fall portion of the course, we will adopt a case-based approach to explore some of the most important interdisciplinary health problems facing populations – locally and globally. Adopting an ecologic perspective, we will pay particular attention to transnational risks and global governance – preparing you to engage academically and professionally with the most consequential challenges of our times – from pandemic risk to climate change.

Class Notes: All incoming HSPH students will gain access to ID100 on Canvas in mid-July are expected to complete the course by August 28, 2024. Students will then register for the course in Fall 1. Grades will be posted at the end of the term.

PhD students: please register for ID100P.

Please direct all questions about ID100 to Ying-Ju Lai, Educational

Programs Project Manager, at ylai@hsph.harvard.edu.

Requirements: HSPH Degree Students Only. PhD students are not able to enroll.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Conditionally Approved	Conditionally Approved Course

Interdepartmental 100P Section: 1

Foundations for Public Health (220630)

Sue J. Goldie

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

This course will follow the exact same format as ID 100. It is the exact same course but a separate offering for PhD students only.

As future leaders and change agents of public health, this is a sobering and pivotal moment. Around the world today, the health gaps between the best and worst off have widened, and in no case is this more obvious than the United States. Intense changes in demographics, from population growth to urbanization, along with unprecedented shifts in patterns of disease and escalating transnational risks, are coupled with game-changing advances in technology and innovation. Superimposed on this already complex context, we are witnessing a mosaic of overlapping public health crises—from the domestic epidemics of structural racism, opioid addiction, and gun violence, and structural racism, to the global pandemic of COVID-19 and climate change. You have chosen to begin your journey at what can only be described as a historical moment for our field—the challenges never more sobering, the stakes never more consequential, and the possibilities never greater.

Class Notes: All incoming HSPH students will gain access to ID100 on Canvas in mid-July and are expected to complete ID100/100P on Canvas in by August 28, 2024. Students will then register for the course in Fall 1. Grades will be posted at the end of the term.

ID 100P is for PhD and DRPH students only. All other students should register for ID 100.

Please direct all questions about ID100 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

Requirements: Students in the 4 PHD programs associated with HSPH

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Available for Harvard Cross Registration

Interdepartmental 224 Section: 1

Survey Research Methods for Public Health (220372)

Thomas Mangione

2024 Fall (2.5 Credits)		Schedule:	TBD
Instructor Permissions:	None	Enrollment Cap:	60

This course covers research design, sample selection, questionnaire construction, interviewing techniques, and the reduction of data, and related facets of population survey investigations. Content focuses primarily on the application of survey methods to problems of health program planning and evaluation. Treatment of methodology is sufficiently broad to be suitable for students who are concerned with epidemiological, nutritional, or other types of survey research. This course requires a live, online session with a small group of fellow students and the teaching team during Week 1 or Week 2.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-GEN and MPH-EPI
Wave 2 | MPH-GEN, MPH-EPI, and approved petitioners
Wave 3 | MPH-GEN, MPH-EPI, and approved petitioners

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts).
MPH-GEN and MPH-EPI students do not need to petition to enroll. Other students may petition, with students in summer-focused and summer-only programs receiving priority for petition approval.

Requirements: Students enrolled in the MPH-EPI and MPH-GEN programs have priority enrollment in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
HSPH: Conditionally Approved	Conditionally Approved Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration

Interdepartmental 227 Section: 1

Health Justice: Perspectives on Politics, Power, and the Environment (224969)

Natalia Linos

Emy Takinami

Natalie Slopen

2024 Fall (5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 65

This introductory course examines the social, political, and environmental determinants of health and health equity. It analyzes how history, institutional dynamics, and policy decisions contribute to existing health inequities across local, national, and global contexts. Through a series of lectures and case studies, students will explore how power, politics, and planetary health interactions shape health and disease. It provides an accessible overview intended for students across disciplines interested in the complex interactions between power, policy, environment, and public health.

The course will introduce concepts like structural racism, settler colonialism, racial capitalism, and environmental justice to demonstrate how structural systems of discrimination and climate change threaten health equity. Students will also learn how engaging with policymakers, effective communication, and community organizing can advance health justice.

Class Notes:

Class Notes: This course is only open to MPH-GEN students.

Course Requirements: Course Restricted: Course open to MPH-GEN students only

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Conditionally Approved	Conditionally Approved Course

Interdepartmental 290 Section: 1

Emergency Response, Disasters, and Public Health (219670)

William Vanderwagen

Paul Venton

2024 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 30

The purpose of this course is to provide cognitive and heuristic tools to public health practitioners to be well prepared to plan for, respond to, recover from, and mitigate the impact of health disasters precipitated by a variety of threats. The course will provide learners with an awareness of the wide-ranging collaborative processes necessary among public health and medical service providers, as well as cross sectoral

dependencies on others such as energy, transportation, public safety, etc. Upon completion of this course, the learner will understand and be able to utilize tools and processes to save lives, reduce the burden of suffering, and speed communities to recovery in the face of disasters.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1: MPH-EPI

Wave 2: MPH-EPI, and summer-only/summer-focused students

Wave 3: MPH-EPI, and summer-only/summer-focused students and approved petitioners

Priority Wave Timing

Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

MPH-EPI and summer-only/summer focused students do not need to petition to enroll. Other students may submit a petition to enroll if space is available.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Conditionally Approved	Conditionally Approved Course
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course

Interdepartmental 514 Section: 1

Organizational Behavior (221997)

Laurie Pascal

2024 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 32

This course is designed to provide you with theoretical and applied knowledge with which to understand, diagnose, evaluate, and positively impact organizations. You will learn why individuals and groups behave as they do. Attempts to change organizations in the absence of such understanding are often ill advised and usually ineffective. Sound theories, informed intuition, thoughtful frameworks, and enhanced problem-solving skills all have their place in successfully leading in an organization at any level, with or without a formal leadership position (e.g., executive, manager, frontline worker, supervisor, or consultant).

This course aims to help you understand organizational behavior through case studies of organizational challenges, contemporary and seminal literature addressing four major theoretical perspectives on organizations, and exercises and simulations designed to experience and practice what is learned. We will examine both macro issues (those that impact organizations as a whole) and micro issues (those that impact individuals and teams). To develop your abilities to apply the theoretical and practical concepts, you will work

together in a team to address organizational problems in a real organization using a case. Written assignments are designed to allow you to reflect on and apply lessons drawn from personal experience in organizations as well as the theories drawn from the literature and videos.

Note. This course requires one synchronous small group discussion with 3 classmates of your choosing.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-GEN
Wave 2 | MPH-GEN & MPH-EPI
Wave 3 | MPH-GEN, MPH-EPI, and Approved Petitioners

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)
Course Requirements: MPH-GEN and MPH-EPI students do not need to petition to enroll. Students in summer-focused and summer-only programs may petition. This course is not open to students in on-campus, academic year programs.

Requirements: See Class Notes for details. MPH-GEN and MPH-EPI students do not need to petition to enroll. Other students may petition.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective

Interdepartmental 946B Section: 1

Applied Practice Experience for MPH Generalist (220813)

David Matheson

William Bean

Monica Rivera Bueno

2024 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 60

All students completing a Master of Public Health degree in accredited schools of public health in the US must complete an Applied Practice Experience ("Practicum"). This required course is designed to provide some tools and insights that will be useful in future professional practice in health management; assist MPH Generalist students in identifying and completing a practicum experience that will be of value to their professional development; share that experience with their MPH Generalist colleagues via a "peer-to-peer" joint learning experience.

Requirements: Course Restricted: Course open to MPH-GEN students only

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
HSPH:Year Long Course	HSPH:Year Long Course
All: Cross Reg Availability	Not Available for Cross Registration

Subject: Molecular Metabolism

Molecular Metabolism 300 Section: 1

Independent Study (190382)

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300
Course Evaluation	Course Evaluation Exempt

Molecular Metabolism 300 Section: 2

Independent Study (190382)

2024 Fall (0 Credits) Schedule:

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Independent Study	HSPH Independent Study 300
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Molecular Metabolism 300 Section: 3

Independent Study (190382)

2024 Fall (0 Credits) Schedule:

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Subject: Women, Gender & Health

Women, Gender & Health 300 Section: 1

Independent Study (191282)

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Independent Study	HSPH Independent Study 300
HSPH: Indpt. Study / Research	YES

Women, Gender & Health 300 Section: 2

Independent Study (191282)

2024 Fall (0 Credits) Schedule:

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit

Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Women, Gender & Health 300 Section: 3

Independent Study (191282)

2024 Fall (0 Credits) Schedule:

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Health Care Management

Subject: Health Care Management

Health Care Management 711.2 Section: 1

Quality Improvement and Quantitative Methods (213387)

Evan Benjamin

Josko Silobrcic

Catherine Kreatsoulas

2024 Fall (2 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 32

This course in quality improvement and quantitative tools is designed for the physician executive or manager whose responsibilities include either oversight or direct involvement in quality management and improvement in a health delivery or health financing organization. Using selected readings case studies, lecture presentations and extensive classroom discussions, students will learn both the conceptual and practical aspects of improving health care quality. Students master a variety of data techniques that can be used in QI interventions and process analysis. Projects are assigned which utilize these new skills.

Course Restriction: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
HSPH:Year Long Course	HSPH:Year Long Course
eForm Autosubmitter	Auto Submitter

Health Policy and Management

Subject: Health Care Management

Health Care Management 702.1 Section: 1

Marketing (213399)

Linda Maccracken

2024 Fall (1.25 Credits) Schedule: S 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 32

Marketing in the digital landscape calls for a variety of challenges as consumer digital adoption, technology, emerging competitors and data integration changes rapidly. This class prepares students to be effective marketing leaders in landscapes that require focused resource allocation that integrate digital and physical services, and equips them to make strategic decisions in preparing and approving customer centered initiatives. Students will gain a working knowledge of the marketing landscape based on quantifiable addressable market, differentiation, brand strength, customer centricity and targeted engagement through product, place / channel, pricing and promotion in competitive markets. Students will use cases and a team

based project learn to critically assess marketing plans and evaluate a range of approaches and methods to measure value driven offerings. Plan on fast-paced case discussions and hands-on group project work.

Course Restriction: HCM Students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
HSPH:Year Long Course	HSPH:Year Long Course

Health Care Management 707.2 Section: 1

Health Care Management Practicum (213389)

Linda Cyr

Henry Bernstein

Priti Lakhani

2024 Fall (2.25 Credits) Schedule: F 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 32

The Practicum provides students with an opportunity to integrate and apply the knowledge and leadership skills gained throughout the MHCM program by completing a comprehensive, independent project of their own choosing during the academic year. Students' self-selected projects might entail transforming an existing situation within their existing organizations or developing a business plan for a completely new, innovative initiative. Students will propose a project, develop a project plan, and build the business case to win approval and implement the idea.

Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
HSPH:Year Long Course	HSPH:Year Long Course

Health Care Management 708.1 Section: 1

Social and Behavioral Determinants of Health (213488)

Monica Wang

2024 Fall (1.25 Credits) Schedule: F 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 32

The aim of this course is to provide students with a foundation in the core concepts of the social and behavioral determinants of health. This course analyzes major social and structural factors that shape population health and health behavior, including socioeconomic status, race and racism, neighborhood environments, job stress, and social connections. Through a combination of online and in-class seminars, students will examine the potential role of community, organizational, environmental, and policy interventions to improve health. Building upon the empirical literature covered in the online content and selected readings, students will discuss and develop data-driven models for advancing population health management using case-based methodology.
Course Activities: Short written assignments, class discussion (online and in-person), final project.

Course Restriction: HCM Students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH:Year Long Course	HSPH:Year Long Course
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course

Health Care Management 709.1 Section: 1

Communication Skills for Managers (213490)

Jack Rossin

2024 Fall (0.62 Credits) Schedule: S 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 32

Health care executives are increasingly called upon to communicate with a wide range of internal and external groups. This course will focus on the competencies necessary to deliver presentations successfully in a variety of situations that involve subordinates, superiors, with the board, peers, and external constituencies like the media. Students will learn to analyze challenging communication situations, prepare for contingencies, think on their feet, answer difficult questions and develop poise and confidence under pressure.

Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course
HSPH:Year Long Course	HSPH:Year Long Course

Health Care Management 719.1 Section: 1

Financial Transactions and Analysis (213492)

Samuel Levitt

2024 Fall (1.25 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 32

This intensive course introduces concepts of financial accounting to the non-accountant user of financial information. Basic accounting transactions, statement preparation and concepts of accrual versus cash accounting are presented in the first half of the course. The remainder of the course focuses on financial analysis of a variety of health care organizations.

Course Note: Completion of pre-work on basic accounting concepts required before class begins. Working ability with spreadsheets also required. Note that instructor provides introductory lecture on accounting and presentation on use of spreadsheets during the summer term.

Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH:Year Long Course	HSPH:Year Long Course
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	NO

Health Care Management 720.1 Section: 1

Cost Accounting and Control Systems (213494)

Richard Siegrist

2024 Fall (1.25 Credits) Schedule: S 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 32

The course is designed to introduce students to cost accounting and management control concepts and uses for health service organizations. The first part of the course develops a basic knowledge of cost accounting, including full and differential costing techniques. The remainder of the course focuses on management control structure and process, and addresses topics such as responsibility accounting, budgeting, reporting and variance analysis.

Course Restricted: HCM students only

Class Notes: The MHCM program will also meet the weekend of January 10-13, 2025.

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
HSPH:Year Long Course	HSPH:Year Long Course
eForm Autosubmitter	Auto Submitter

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 731.1 Section: 1

Competitive Strategy Determination (213496)

Mariam Atkinson

Laurie Sprung

2024 Fall (1.25 Credits) Schedule: S 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 32

This course focuses on the conceptual framework needed to plan for the long-term viability of health care organizations. Using selected readings and case studies of both health care and non-health care organizations, students will learn to appreciate the concepts of competitive strategy and competitive advantage primarily through practice in analysis. The objective is to provide students with the conceptual tools and the practical skills to enable them to formulate, execute, and evaluate organizational strategy.

Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 755.1 Section: 1

Provider Payment Systems and Policy (213498)

Jeff Levin-Scherz

Carolyn Langer

2024 Fall (1.25 Credits) Schedule: S 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 32

HCM 755 will address the financial and regulatory structure of health care to help students assess how they can best influence health care to benefit patients, institutions, and society as a whole. We will evaluate multiple dimensions of health care cost and payment, with an emphasis on how payment systems influence provider organization, behavior and performance. The focus of this course is the US health care system, although class members will also examine provider payment across multiple countries. We will examine various stakeholder points of view on health care regulation and finance – and assess how regulation and finance can drive changes in health care delivery and can lead to different experiences and outcomes for both providers and patients.
The course includes case studies, didactic material, and exercises. A group midterm project, a response

paper and a blog post, a final paper, and regular preparation for and participation in class are required. Our goal is for students to complete the course with a better understanding of how health care is structured and financed, the stakeholders who influence health care policy and delivery, and the ability and desire to ask critical questions and evaluate proposals to drive increased value in health care.
Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Indpt. Study / Research	NO

Health Care Management 758.2 Section: 1

Field Project Qlty Improvement (213395)

Josko Silobrcic

Catherine Kreatsoulas

Evan Benjamin

2024 Fall (1 Credits) Schedule: M 0800 AM - 0930 AM

Instructor Permissions: None Enrollment Cap: 32

This course will provide physician executives with pragmatic, applied, real-world insights into quality improvement (QI) in healthcare organizations, based on the application of proven strategic and tactical frameworks, methodologies and tools to their own quality-related field projects, performed during the 2nd academic year of the MHCM program. Throughout their efforts, from project conception, design and planning, to measurement, implementation, analysis and follow-up actions, the students are mentored and guided (individually and in small groups) by expert course faculty. The course follows and closely complements the HCM 711 (Quality Improvement and Quantitative Methods in Quality Management) summer/fall course, which provides the conceptual and methodological bases, analytic tools and practices for the field project. At the end of this course, students will be better prepared for and substantially proficient in their own roles in quality improvement and management, leading/supporting their organizations' efforts in those areas using sound, science-based and systematic, methodical and analytic approaches and processes.

Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
Course Evaluation	Course Evaluation Exempt

Health Care Management 777.1 Section: 1

Innovation and Entrepreneurship in Health Care (216358)

Richard Siegrist

2024 Fall (0.6 Credits) Schedule: S 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 30

This course is designed to expose students to the theory and practice of innovation and entrepreneurship in health care settings, both domestically and abroad. The first half of the sessions focus on various aspects of starting and growing a new health care business, whether a for-profit or non-profit venture. The second half of the sessions focus on fostering innovation and intrapreneurship in established organizations such as non-profit, for-profit or governmental organizations engaged in health care related activities.

Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
HSPH: Conditionally Approved	Conditionally Approved Course
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 778.1 Section: 1

Skills & Methods of Health Care Negotiation & Conflict Resolution (215810)

Linda Kaboolian

2024 Fall (1.25 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 30

The objective of this course is to improve negotiation, communication and conflict resolution skills for use in professional and personal settings. This course introduces students to the theory and practice of negotiation and conflict resolution. Particular emphasis is placed on integrating analytic skills, negotiation techniques and conflict resolution methods into the practice of health care management. The class is organized around hands-on simulations where general concepts and methods are demonstrated and practiced. These exercises model fundamental dilemmas in negotiation and are generalizable to disputes typical of health care settings and health care management problems. The debriefings that follow each exercise offer individual feedback, as well as the opportunity to examine applied issues of organizational communication,

system design and conflict.
Course Restricted: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration

Health Care Management 782.1 Section: 1

Innovative Problem Solving & Design Thinking for Health (213500)

Linda Cyr

2024 Fall (1.25 Credits) Schedule: F 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 32

The capacity to innovate is critical in today's rapidly changing healthcare environment. Design thinking is a disciplined approach to innovation that has been adopted by leading healthcare organizations (e.g. Mayo Clinic, Kaiser, IBM Watson Health) and government agencies (e.g. CDC, HHS). In contrast to a traditional approach to problem solving that focuses on deciding among known solutions, an innovative approach seeks the best solution possible given available resources, time, and team competencies. Innovative problem solving maximizes learning to reduce uncertainty by focusing on generation of new alternatives, experimentation, and exploration of multiple solutions. This course includes a mix of individual and group exercises in class as well as a series of assignments that enable students to effectively use innovation tools, acquire skills, and adopt mindsets that complement the analytical approaches developed in other courses.

Course restriction: HCM students only

Requirements: HSPH: HCM Only

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Not Available for Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter

Subject: Health Policy & Management

Health Policy & Management 206 Section: 1

Economic Analysis (190524)

Ellen Meara

2024 Fall (2.5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 66

A course on microeconomics, focusing on the uses and limitations of the economic approach, with applications to public health and medical care.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45-HP, MPH65-HP, HPM SM1
Wave 2 | All MPH-HPM, SM1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter

Health Policy & Management 210 Section: 1

United States Health Policy (190528)

John McDonough

2024 Fall (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 64

This course provides students with a basic and broad understanding of the U.S. health system focusing on access, quality of care, costs, equity, and population health. Students will learn how the system and its key sub-elements are structured, how care is organized, delivered, and financed, and how national reform influences the system's future direction. Students write five policy memos concerning immediate and real-world U.S. health policy issues.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH Health Policy Students
Wave 2 | MPH Health Policy Students
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter

Health Policy & Management 211 Section: 1

The Health Care Safety Net & Marginalized Populations (190529)

Benjamin Sommers

2024 Fall (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 35

This course examines the U.S. health care safety net. We will analyze several key components of the health care system related to the care for low-income populations: Medicaid, the Affordable Care Act, community health centers, public hospitals, and state-based programs. We will also explore issues related to the health care of underserved and marginalized populations including Native Americans, immigrants, people experiencing homelessness, individuals with disabilities, and people experiencing incarceration. We will draw on a variety of materials and learning approaches, such as research articles, case studies, newspaper editorials, and a classroom policy debate. No previous coursework required, but class participation and discussion are essential.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH-45 and MPH-65 Health Policy students, PhD Health Policy students
Wave 2 | All HPM students + PhD Health Policy students
Wave 3 | By application (see below)

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts).

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course.

Priority given to: Due to limited class size, Health Policy & Management students will have first priority for enrollment. Students from other departments are invited to waitlist by application only: please send a one paragraph statement (no more than 300 words) describing why you are interested in this course and any other special circumstances you would like the professor to be aware of. The statement should be emailed to bsommers@hsph.harvard.edu and/or submitted directly as part of your enrollment petition to the Registrar by September 10th, 2024; applications received after that date will still be considered but on first-come, first-served basis.

Requirements: Restricted to HPM students.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course

Health Policy & Management 219 Section: 1

Financial Transactions and Analysis (190537)

Bonnie Blanchfield

2024 Fall (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 70

This intensive course introduces concepts of financial accounting for the non-accountant user of financial information. Basic accounting transactions, statement preparation, concepts of accrual vs. cash accounting, and nonprofit healthcare accounting are presented in the first half of the course. The second half focuses on statement analysis in a variety of health care organizations.

Course Notes: Prior to the first class, students taking HPM 219 are required to complete pre-work which includes several readings and a short problem.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45-HM, MPH65-HM, DRPH
Wave 2 | MPH45-HM, MPH65-HM, DRPH
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO

Health Policy & Management 220 Section: 1

Financial Management and Control (190538)

Richard Siegrist

2024 Fall (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 50

The course is designed to introduce students to cost accounting and management control concepts and uses for health service organizations. The first part of the course develops a basic knowledge of cost accounting, including full and differential costing techniques. The remainder of the course focuses on management control structure and process, and addresses topics such as pricing, capital investment analysis, budgeting, and variance analysis.

Course Notes: HPM 219 is recommended but not required.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH45-HM, MPH65-HM, DRPH
Wave 2 | MPH45-HM, MPH65-HM, DRPH
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)
Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)
**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Mutually Exclusive Course: GHP211

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO

Health Policy & Management 223 Section: 1

Public Speaking for Managers (190541)

Jack Rossin

2024 Fall (1.25 Credits) Schedule: T 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 15

This course gives the student the opportunity to develop skills in oral communication. Emphasis is placed on the techniques most useful to managers. Students will receive feedback in a supportive classroom environment.

Class Notes: Note: This class is for HPM students only. Non-HPM students must ask for instructor permission.

THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | All HPM including SM1
Wave 2 | All HPM including SM1
Wave 3 | ALL HPM including SM1

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)
Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)
**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Course Restricted to HPM students (or instructor permission).

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 235 Section: 1

Managing Health Care Costs (190553)

Jeff Levin-Scherz

2024 Fall (2.5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 67

Health care costs continue to be high in the United States, and health care inflation rates are the highest they have been for two decades. The high cost of health care crowds out other societal needs while the US health care system appears to deliver less value than many other health care systems. Health care costs are a challenge for individuals, for employers, and for government. The uninsured rate has declined, but how to lower the cost of health care without sacrificing quality or innovation is a public health and public policy challenge.

We will review the advantages, disadvantages and feasibility of different approaches to moderating rising costs, including benefit design, medical management, technology, profiling and reporting, and regulatory action. We will also review efforts to improve health care affordability in other countries, although the focus of the course is the US health care system.

Students will be encouraged to develop their own critical assessment of the prospects of using these techniques to control health care spending and to improve access and quality of care. This course consists of lectures, discussions, and case studies. Guest speakers will provide a first-hand perspective on some topics. Students will do a qualitative and quantitative evaluation of an intervention to lower health care costs for the final group project.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 268 Section: 1

Methods and Tools for Quality Improvement (204466)

Lindsay Martin

2024 Fall (2.5 Credits) Schedule: F 0945 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 40

Students will learn the fundamental skills of improvement through a mix of presentation, application, and group work. The class will provide a historical overview of different quality methods and then center on the Model for Improvement as the approach for in-depth exploration. In addition to gaining the fundamental

skills necessary to participate in quality improvement initiatives, students will earn the components necessary to lead quality improvement. Furthermore, by taking a deep dive into reliability science, students will gain the ability to formulate and create changes that can have a lasting impact in health care, and to build the infrastructure in an organization necessary to accommodate those changes.

Throughout the course students will work in a group on a quality improvement project. The project will be an opportunity to do real-time application of the skills learned in class and will
form the basis of the student's grade in the course.

All classes will contain four components: (1) a description of the applicable principles and structures that primarily influence the theory being discussed; (2) an exercise that enables
immediate application/practice of the theory taught; (3) an example and/or opportunity to apply the theory in health care; (4) dedicated time to work with a group on an improvement project and
get real-time coaching from faculty. Students will be expected to actively engage in all four components of the class.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH45 HM, MPH65 HM, HPM-SM1, ALL DRPH
Wave 2 | All HPM, ALL DRPH
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)
Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)
**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements:

Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 3: Essential Course
eForm Autosubmitter	Auto Submitter

Health Policy & Management 282 Section: 1

Innovative Problem Solving & Design Thinking in Healthcare (204473)

Linda Cyr

2024 Fall (2.5 Credits)		Schedule:	F 1000 AM - 0115 PM
Instructor Permissions:	None	Enrollment Cap:	25

Innovative problem solving is a critical skill for healthcare leaders confronting disruptive change and operating in increasingly complex and fast-paced environments. The capacity to innovate is essential to effectively serving patients, improving outcomes and developing sustainable organizations. Design thinking is a disciplined approach to innovation that focuses intensely on the intersection of human needs and values, technical feasibility and strategic viability to create end-user value and pursue market opportunity. Healthcare organizations such as the Mayo Clinic, Kaiser Permanente and the UK's National Health Service (NHS) as well as Ministries of Health in many countries have turned to design thinking to improve patient care and citizen health.

In contrast to a traditional approach to problem solving that focuses on deciding among known solutions, an innovative approach seeks the best solution possible given available resources, time, and team competencies. Innovative problem solving maximizes learning to reduce uncertainty by focusing on generation of new alternatives, experimentation, and exploration of multiple solutions.

Learning will occur through a mix of individual and group exercises in class as well as a series of graded and ungraded assignments that enable you to effectively use innovation tools, acquire skills, and adopt mindsets that complement the analytical approaches you have developed in other courses.

Course Note:This course will be taught at the Harvard iLab.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH65 HMGT, MPH45 HMGT, DrPH
Wave 2 | All HPM, DrPH
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00AM – 8/25/2024 11:59PM
Wave 2 | 8/26/2024 12:00AM – 8/28/2024 11:59PM
Wave 3 | 8/29/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending

no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter

Health Policy & Management 300 Section: 1

Independent Study (190611)

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Independent Study	HSPH Independent Study 300

Health Policy & Management 300 Section: 2

Independent Study (190611)

2024 Fall (0 Credits) Schedule:

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of

faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300

Health Policy & Management 300 Section: 3

Independent Study (190611)

2024 Fall (0 Credits) Schedule:

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 350 Section: 1

Research (190615)

David Bates

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 350 Section: 13

Research (190615)

Katherine Swartz

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Health Policy & Management 350 Section: 14

Research (190615)

Katherine Swartz

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 350 Section: 15

Research (190615)

Katherine Swartz

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Health Policy & Management 350 Section: 2

Research (190615)

David Bates

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 350 Section: 3

Research (190615)

David Bates

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 350 Section: 4

Research (190615)

David Hemenway

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Health Policy & Management 350 Section: 5

Research (190615)

David Hemenway

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Health Policy & Management 350 Section: 6

Research (190615)

David Hemenway

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 350 Section: 7

Research (190615)

Meredith Rosenthal

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 350 Section: 8

Research (190615)

Meredith Rosenthal

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Health Policy & Management 350 Section: 9

Research (190615)

Meredith Rosenthal

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 526 Section: 1

Long-Term Care Policy in the U.S. (220615)

Susan Lynch

2024 Fall (2.5 Credits) Schedule: F 0945 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 30

The goal of this course is to provide students with a strong foundation of knowledge and understanding of the long-term care system in the United States and to explore long-term care policy reforms that are under consideration to improve long term care quality in various provider settings viewed through an equity lens. Specifically, this course will examine long-term care quality workforce issues, ownership, emergency preparedness, and reimbursement issues, as well as explore current legislative and regulatory efforts and innovative long-term care delivery models. Students will have the opportunity to explore these critical topics and strategic approaches through patient interviews, a team policy paper and presentation, and a final long-term care policy reform project.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 539 Section: 1

Management Science for a New Era (190644)

Michaela Kerrissey

2024 Fall (2.5 Credits)		Schedule:	MW 0200 PM - 0330 PM
Instructor Permissions:	None	Enrollment Cap:	65

The past decade has brought dynamism, complexity, and growth in health organizations, from integrated care delivery systems to multi-service nonprofits. As a result, healthcare work settings are increasingly fast paced, interdependent and uncertain – and COVID-19 has greatly intensified these trends. These conditions make management and organizational behavior ever more critical to performance. How can leaders help their organizations and teams to thrive in such dynamic settings? How can they simultaneously organize for tight execution and innovation, build resilience in the face of crisis, achieve influence amid limited authority, and treat people respectfully without burning out? These are questions of organizational behavior and theory.

The primary objective of this course is to help students critically evaluate organizational and team structures, processes, and climates to initiate and sustain performance. We will apply multiple facets and analytic frameworks from organizational behavior to central challenges facing health organization leaders today. This is thus a management course, not an economics or policy course. It focuses on skills and practical frameworks that can help people thrive as they rise from individual stars to managers of people and systems.

This class is taught primarily through interactive case studies from real organizations, which expose students to a variety of managerial concepts and help them develop general management acumen. It is relevant for anyone who intends to manage projects and lead teams and organizations - whether in health care delivery, consulting, nonprofits, government, or elsewhere. To thrive in this fast-paced era, understanding, designing, and navigating the human systems of organizations is vital. This course will help students to do so.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH 45/65 HMGT, DrPH
Wave 2 | All HPM Students including SM1, DrPH
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter

Health Policy & Management 548 Section: 1

Responsible Conduct of Research (190653)

Delia Wolf Christiani

2024 Fall (1.25 Credits) Schedule: F 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 90

This course meets the NIH training requirement for all trainees, fellows, participants, and scholars receiving support through any NIH training, career development award, research education grant, or dissertation research grant. It describes basic ethical and regulatory requirements for conducting research. Topics include the following:

1. conflict of interest – personal, professional, and financial – and conflict of commitment, in allocating time, effort, or other research resources
2. policies regarding human subjects, live vertebrate animal subjects in research, and safe laboratory practices
3. mentor/mentee responsibilities and relationships
4. safe research environments (e.g., those that promote inclusion and are free of sexual, racial, ethnic, disability and other forms of discriminatory harassment)
5. collaborative research, including collaborations with industry and investigators and institutions in other countries
6. peer review, including the responsibility for maintaining confidentiality and security in peer review
7. data acquisition and analysis; laboratory tools (e.g., tools for analyzing data and creating or working with digital images); recordkeeping practices, including methods such as electronic laboratory notebooks
8. secure and ethical data use; data confidentiality, management, sharing, and ownership
9. research misconduct and policies for handling misconduct
10. responsible authorship and publication
11. the scientist as a responsible member of society, contemporary ethical issues in biomedical research, and the environmental and societal impacts of scientific research

Course Note: HSPH Graduate students, post-doc fellows, and HSPH junior faculty members will be allowed to take the course without paying tuition, but are expected to attend all lectures, participate in class discussions and complete homework assignments.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

Health Policy & Management 552 Section: 1

Health Policy and Leadership (190656)

Miro Weinberger

2024 Fall (1.25 Credits) Schedule: T 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 30

Sponsored by the Harvard Chan Senior Leadership Fellows Program, each offering of this course series is taught by the Senior Leadership Fellow in residence for that term. Each course is unique and reflects the individual Fellow's career and leadership experience. Fellows address a wide variety of leadership challenges in areas such as politics and public health, health equity, policy implementation, poverty and access to healthcare, community health, universal health coverage, and beyond. For more on Senior Leadership Fellow courses and the current offerings, visit hsph.me/SLFPcourses

The Fall 2024 Senior Fellow is former mayor of Burlington, Vermont, Miro Weinberger. During his 12 years as mayor, Weinberger prioritized housing, racial equity, the opioid crisis, and climate action.

This course is called "Leadership on the Front Lines of America's Public Health Crisis" and offers a rare opportunity for students to be taught and mentored by someone who recently served in a top-level position in government. Weinberger will hold regular office hours to meet with students in addition to his time in the classroom.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Health Policy & Management 557 Section: 1

Innovation and Entrepreneurship in Health Care (190659)

Richard Siegrist

Adele Houghton

2024 Fall (2.5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 52

This course is designed to expose students to the theory and practice of innovation and entrepreneurship in health care settings, both domestically and abroad. The first half of the sessions focus on various aspects of starting and growing a new health care business, whether a for-profit or non-profit venture. The second half of the sessions focus on fostering innovation and intrapreneurship in established organizations such as non-profit, for-profit or governmental organizations engaged in health care related activities.

Registration Note: Priority given to first year DrPH students and MPH 45/65 Health Management students

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH45 HM, MPH65 HM, DRPH
Wave 2 | DRPH and all HPM including SM1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter

Health Policy & Management 559 Section: 1

Introduction to Qualitative Research Methods for Public Health (212940)

Emma-Louise Aveling

2024 Fall (2.5 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 20

Understanding how to effectively use qualitative research to inform health practice and policy is an essential skill for public health students and professionals. This online course provides an introduction to qualitative methods for students interested in either using or conducting qualitative research to inform health policy and practice. The course is designed to introduce students to fundamental questions, principles, and skills necessary to design, conduct, interpret and evaluate qualitative research. In doing so, we take a critical approach to exploring theoretical and philosophical foundations of high quality, ethical qualitative research, while also building practical knowledge and skills for designing qualitative research and using core qualitative methods.

We begin by considering the question "why qualitative research?", examining the value of qualitative methodologies for health research and critically reflecting on the philosophical foundations of qualitative approaches. Throughout the course, we explore the implications of such foundational assumptions for designing, conducting and evaluating qualitative research in ways that recognize how both health and research are enmeshed within broader social relations and structures. Course sessions also focus on developing practical skills for conducting qualitative research including: generating data through interviews, focus groups, and observations, and analyzing qualitative data. Students will have opportunities to design and plan qualitative studies, to conduct and evaluate interviews, to practice analyzing qualitative data, to debate ethical dilemmas, and to reflect on our positionalities and roles as public health researchers working in diverse contexts. As an introductory level course, it necessarily aims to cover a breadth of topics; it does not, therefore, provide in-depth or advanced coverage of any one aspect of qualitative data collection or analysis.

This is an online course which includes weekly video lectures, readings and activities (e.g. contributing to discussion boards) to be completed asynchronously. In addition, there are a small number of optional synchronous online discussion sessions. (Asynchronous, written alternatives are available for those who don't attend.) Work in small groups is a central component of the course. Assessment is based on participation in weekly activities and two assignments to be completed over the course of the semester with support and formative feedback from the teaching team.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH-EPI
Wave 2 | MPH-GEN, MPH-EPI, and approved petitioners
Wave 3 | MPH-GEN, MPH-EPI, and approved petitioners

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts).

MPH-GEN and MPH-EPI students do not need to petition to enroll. Other students may petition, with students in summer-focused and summer-only programs receiving priority for petition approval.

Requirements: This course is for MPH GEN & MPH EPI students.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Conditionally Approved	Conditionally Approved Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 4: Elective

Health Policy & Management 562 Section: 1

Narrative Leadership - Using Storytelling to Mobilize Collective Action in Public Health (218799)

Predrag Stojicic

2024 Fall (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 50

In this course, we will introduce the particular practice of leadership called Public Narrative that is rooted in community organizing and social movements. Developed by community organizer and Harvard professor Marshall Ganz, Public Narrative provides a way of thinking through the stories that mobilize people for collective action.

The goal of this course is to strengthen students' capacity to lead. We recognize that effective leaders cannot just engage the head (evidence and data). We need to learn how to engage the heart (values and emotions) in order to translate the knowledge into the community, political, or economic power necessary for long-term change.

Whether leading one person or thousands, engaging the heart requires learning the practice of storytelling and narrative that enables the leader to locate important themes, communicate those themes, and creatively live them out in professional and public life.

Narrative Leadership course is designed for public health leaders who are interested in harnessing the power of storytelling to motivate others to join them in action.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course
eForm Autosubmitter	Auto Submitter

Health Policy & Management 564 Section: 1

Health Systems Strengthening (220616)

Rifat Atun

2024 Fall (2.5 Credits)		Schedule:	MTWRF 0830 AM - 0500 PM
Instructor Permissions:	None	Enrollment Cap:	10

This course is designed to strengthen the role of nurse and midwife leaders in health systems, particularly in public health and primary care to achieve better health outcomes. It will cover approaches for analyzing contextual changes to identify opportunities and threats faced by health systems and for analyzing health systems performance to ascertain their strengths and weaknesses. It will explore how innovations in organization, financing, resource management (human resources, technologies, biomedicine, knowledge resources) and service delivery can be used to strengthen health systems by building on strengths and by addressing weaknesses to enable better response to emerging opportunities and threats. The course will help develop skills for the participants to enable more effective leadership and engagement of nurses and midwives in systematic analysis of health systems and development of context specific policies, strategies, regulations, through coalition building and community engagement. Participants will work with key partners (e.g., mentors; ministers of health, finance, and education; and community health workers) to ensure excellence in developing the right skills and knowledge to strengthen health systems. The course will use a mix of lectures, case studies, group work on real situations from different countries and discussions and will be delivered in nine, three-hour in person sessions. It will include pre- and post-course work to enable application of the frameworks, principles and skills learned in the course in real life settings relevant to the context of the participants.

Class Notes:	Course restricted to students in the Harvard Global Public Health for Nurse Leaders Certificate program. This course is entirely online.
Requirements:	Course restricted to students in: Harvard Global Public Health for Nurse Leaders Certificate

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 3: Essential Course
eForm Autosubmitter	Auto Submitter

Health Policy & Management 565 Section: 1

Effective Consulting for Health Care and Policy Organizations (220633)

Aaron Holman

2024 Fall (1.25 Credits)		Schedule:	F 0800 AM - 0930 AM
Instructor Permissions:	None	Enrollment Cap:	30

This course introduces students to the essential elements of structuring and conducting a high-value consulting engagement. It will help students develop an intuition for how to tailor consulting approaches to the specific problem being addressed, the goals of the client, the clients' strengths and weaknesses, and available resources. These topics will be taught through a series of overview lectures, class discussions, and

guest visits reviewing real-world consulting case experiences in the private, public and nonprofit sectors. You will apply your learnings from the course and through case simulations to learn how to effectively scope a consulting engagement, work with clients to identify achievable goals, and develop healthy working relationships that generate trust. This course will help improve a student's chance of obtaining the consulting job they want and importantly, will assist in developing the core consulting skills needed for their first years on the job. The information and techniques presented in this course may be similar to those offered at larger firms, so those who have prior experience either interning or working in consulting may not find this course as valuable as those looking to newly explore the industry.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | All HPM Students
Wave 2 | All HPM Students
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Health Policy & Management 569 Section: 1

Presidents and Pandemics (224047)

David Blumenthal

2024 Fall (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 30

Over the past century, US presidents have been forced to respond to

numerous actual or threatened pandemics - from the Great Influenza to Ebola to COVID-19. These responses have varied substantially in their tactics and results, but they have all faced challenges inherent to the role of the presidency. Infectious threats to national security are likely to persist and grow in coming years, and it will be vital to understand how to advise both the president and other leaders.
The first half of this course will equip you with the history and foundational knowledge of pandemics, responses, and the role of the US presidency. The latter half of the course will take a deeper dive into these topics through targeted case studies, exploring what worked and what didn't and drawing lessons for future presidential pandemic management.
The course will take an applied and practical lens through not only the case studies, but also through the readings and lectures. Throughout the term, you will hear from a variety of senior experienced leaders and advisors on this crucial intersection of presidents and pandemics.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Conditionally Approved	Conditionally Approved Course

Health Policy & Management 577 Section: 1

Executive Branch Health Policy (225722)

Jeanne Lambrew

2024 Fall (2.5 Credits)		Schedule:	F 0945 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	30

The purpose of this course is to convey an understanding of the role of the executive branch in health policy. Executive branch officials are involved in many if not most of the major and minor public health policy that affects the system, communities, and individuals. Examples include: the specifics of essential health benefits for state-regulated health insurance coverage; what drugs, devices, and preventive services are officially endorsed and covered; how Medicare and Medicaid reimburse for a range of services from behavioral health to long-term services and supports; and how guidance can prevent the spread of diseases like COVID-19 and Avian flu. Such policies do not emerge from a vacuum: an extensive and long-standing system exists – and adapts – to define the contours and operations of the U.S. health system at the Federal, state, and local level. Recognizing the powers and limitations of the executive branch role contextualizes evaluations, advocacy, participation, and opportunities for change.

Class Notes: Location TBA

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective
HSPH: Conditionally Approved	Conditionally Approved Course

Health Policy & Management 945A Section: 1

Applied Practice and Integrative Learning Experience for Health Policy (MPH45) (205236)

Amy Rosenthal

Audrey Gasteier

2024 Fall (1.25 Credits) Schedule: W 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 48

All students completing a Master of Public Health degree must complete an Applied Practice Experience ("Practicum") and an Integrative Learning Experience (ILE). This required course is designed to meet both these degree requirements. In the course, students will identify and complete a practicum that will be of value to their professional development and career goals. Students will also share their practicum experience with their MPH colleagues via a "peer-to-peer" joint learning experience. A final required health policy paper will require students to demonstrate the ability to integrate and synthesize selected program competencies. Class sessions will focus on developing tools and insights that will be useful in future professional practice in health policy and public health.

This is a year-long course worth a total of 2.5 credits (1.25 in the fall and 1.25 in the spring).

Grade Note: HPM 945 is comprised of two parts: Part A in the Fall and Part B in the Spring. The grade and 2.5 credits are only reflected on the transcript after students have completed both Part A and Part B in the spring. At the end of the Fall term, students will receive an "IP" ("In Progress") grade in HPM 945A. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits.

Course Requirements: Course restricted to MPH-45 HP students. This is a required course.

Requirements: Course Restricted to MPH45 Health Policy Students

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Not Available for Cross Registration
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
Full Year Course	Indivisible Course
Course Evaluation	Course Evaluation Exempt

Health Policy & Management 946A Section: 1

Applied Practice and Integrative Learning Experience for Health Management (MPH45) (205239)

William Bean

2024 Fall (1.25 Credits)		Schedule:	T 0530 PM - 0700 PM
Instructor Permissions:	None	Enrollment Cap:	62

All students completing a Master of Public Health degree must complete an Applied Practice Experience ("Practicum") and an Integrative Learning Experience (ILE). This required course is designed to meet both these degree requirements. In the course, students will identify and complete a practicum that will be of value to their professional development and career goals. Students will also share their practicum experience with their MPH colleagues via a "peer-to-peer" joint learning experience. A final required health management case study will require students to demonstrate the ability to integrate and synthesize selected program competencies. Class sessions will focus on developing tools and insights that will be useful in future professional practice in health management and public health.

This is a year-long course worth a total of 2.5 credits (1.25 in the fall and 1.25 in the spring).

Grade Note: HPM 946 is comprised of two parts: Part A in the Fall and Part B in the Spring. The grade and 2.5 credits are only reflected on the transcript after students have completed both Part A and Part B in the spring. At the end of the Fall term, students will receive an "IP" ("In Progress") grade in HPM 946A. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits.

Course Requirements: Course restricted to MPH-45 HM students. This is a required course.

Requirements: Course Restricted to MPH45 Health Management Students

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course
HSPH:Year Long Course	HSPH:Year Long Course
Course Evaluation	Course Evaluation Exempt
Full Year Course	Indivisible Course
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO

Health Policy & Management 965.P1 Section: 1

Applied Practice and Integrative Learning Experience for Health Policy (MPH65) (208097)

Nancy Turnbull

2024 Fall (1.25 Credits)		Schedule:	T 0530 PM - 0700 PM
Instructor Permissions:	None	Enrollment Cap:	30

All students completing a Master of Public Health degree must complete an Applied Practice Experience ("Practicum") and an Integrative Learning Experience (ILE). This required course is designed to meet both these degree requirements. This course allows students to integrate and synthesize the knowledge and

skills they are gaining from their coursework, and to apply them to a real-world health policy issue or problem.

In the first section, students will explore practicum opportunities and decide on a placement for the summer. Working with the course instructor and their summer preceptor, they will develop a project plan and learning objectives for the summer. Students will also enhance the skills they need to function in a professional public health setting, including gaining a better understanding of their work preferences and strengths, learning about the practice of health policy from experienced practitioners, including Harvard Chan alumni, and engaging in professional self-assessment and critical reflection.

In the second section, students will share their summer practicum experience with peers and learn from the experiences of others at an MPH65 practicum poster session. They will also assess their progress on attaining the MPH65 health policy program competencies and develop a professional development plan. Lastly, they will produce a final paper that integrates select competencies.

This is a two-semester course worth a total of 2.5 credits. Part 1 of the course (HPM 965.P1) is 1.25 credits and takes place in Fall 2 of the first year. The practicum takes place during the summer. Part 2 of the course (HPM 965.P2) is 1.25 credits takes place in Full Fall of the second year.

The second-year course, HPM 965.P2, is a Full Fall course; however, it is structured so that there are only class meetings in Fall 1. The remaining portion of the course has no class meetings during Fall 2, so that students can complete their ILE work and also have the ability to register for another course during that time slot if they choose.

Grade Note: The grade and 2.5 credits are only reflected on the transcript after students have completed both P1 and P2. At the end of the P1 course, students will receive an "IP" ("In Progress") grade in HPM 965. P1. When grades are posted at the end of HPM 965.P2, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits.

Course Requirements: Course restricted to MPH-65 HP students. This is a required course.

Requirements: Course Restricted to MPH-65 HP students

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter
HSPH:Year Long Course	HSPH:Year Long Course
All: Cross Reg Availability	Not Available for Cross Registration

Health Policy & Management 965.P2 Section: 1

Applied Practice and Integrative Learning Experience for Health Policy (MPH65) (208096)

Nancy Turnbull

2024 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 25

All students completing a Master of Public Health degree must complete an Applied Practice Experience

("Practicum") and an Integrative Learning Experience (ILE). This required course is designed to meet both these degree requirements. This course allows students to integrate and synthesize the knowledge and skills they are gaining from their coursework, and to apply them to a real-world health policy issue or problem.

In the first section, students will explore practicum opportunities and decide on a placement for the summer. Working with the course instructor and their summer preceptor, they will develop a project plan and learning objectives for the summer. Students will also enhance the skills they need to function in a professional public health setting, including gaining a better understanding of their work preferences and strengths, learning about the practice of health policy from experienced practitioners, including Harvard Chan alumni, and engaging in professional self-assessment and critical reflection.

In the second section, students will share their summer practicum experience with peers and learn from the experiences of others at an MPH65 practicum poster session. They will also assess their progress on attaining the MPH65 health policy program competencies and develop a professional development plan. Lastly, they will produce a final paper that integrates select competencies.

This is a two-semester course worth a total of 2.5 credits. Part 1 of the course (HPM 965.P1) is 1.25 credits and takes place in Fall 2 of the first year. The practicum takes place during the summer. Part 2 of the course (HPM 965.P2) is 1.25 credits takes place in Full Fall of the second year.

The second-year course, HPM 965.P2, is a Full Fall course; however, it is structured so that there are only class meetings in Fall 1. The remaining portion of the course has no class meetings during Fall 2, so that students can complete their ILE work and also have the ability to register for another course during that time slot if they choose.

Grade Note: The grade and 2.5 credits are only reflected on the transcript after students have completed both P1 and P2. At the end of the P1 course, students will receive an "IP" ("In Progress") grade in HPM 965. P1. When grades are posted at the end of HPM 965.P2, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits.

Course Requirements: Course restricted to MPH-65 HP students. This is a required course.

Requirements: Course Restricted to MPH-65 HP students

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH:Year Long Course	HSPH:Year Long Course

Health Policy & Management 966.P1 Section: 1

Applied Practice and Integrative Learning Experience for Health Management (HPM-65) (215680)

Louise Keogh Weed

2024 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 24

All students completing a Master of Public Health degree must complete an Applied Practice Experience ("Practicum") and an Integrative Learning Experience (ILE). This required course is designed to meet both these degree requirements. In the course, students will identify and complete a practicum that will be of value to their professional development and career goals. Students will also share their practicum experience with their MPH colleagues via a "peer-to-peer" joint learning experience. A final required health management case study will require students to demonstrate the ability to integrate and synthesize selected program competencies. Class sessions will focus on developing tools and insights that will be useful in future professional practice in health management and public health.

This is a two-semester course worth a total of 2.5 credits. Part 1 of the course (HPM 966.P1) is 1.25 credits and takes place in Fall 2 of the first year. The practicum takes place during the summer. Part 2 of the course (HPM 966.P2) is 1.25 credits takes place in Full Fall of the second year.

The second-year course, HPM 966.P2, is a Full Fall course; however, it is structured so that there are only class meetings in Fall 1. The remaining portion of the course has no class meetings during Fall 2, so that students can complete their ILE work and also have the ability to register for another course during that time slot if they choose.

Grade Note: The grade and 2.5 credits are only reflected on the transcript after students have completed both P1 and P2. At the end of the P1 course, students will receive an "IP" ("In Progress") grade in HPM 966. P1. When grades are posted at the end of HPM 966.P2, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits.

Course Requirements: Course restricted to MPH-65 HM students. This is a required course.

Additional Course Attributes:

Attribute	Value(s)
HSPH:Year Long Course	HSPH:Year Long Course
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter

Health Policy & Management 966.P2 Section: 1

Applied Practice and Integrative Learning Experience for Health Management (215718)

Louise Keogh Weed

2024 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 62

All students completing a Master of Public Health degree must complete an Applied Practice Experience ("Practicum") and an Integrative Learning Experience (ILE). This required course is designed to meet both these degree requirements. In the course, students will identify and complete a practicum that will be of value to their professional development and career goals. Students will also share their practicum experience with their MPH colleagues via a "peer-to-peer" joint learning experience. A final required health management

case study will require students to demonstrate the ability to integrate and synthesize selected program competencies. Class sessions will focus on developing tools and insights that will be useful in future professional practice in health management and public health.

This is a two-semester course worth a total of 2.5 credits. Part 1 of the course (HPM 966.P1) is 1.25 credits and takes place in Fall 2 of the first year. The practicum takes place during the summer. Part 2 of the course (HPM 966.P2) is 1.25 credits takes place in Full Fall of the second year.

The second-year course, HPM 966.P2, is a Full Fall course; however, it is structured so that there are only class meetings in Fall 1. The remaining portion of the course has no class meetings during Fall 2, so that students can complete their ILE work and also have the ability to register for another course during that time slot if they choose.

Grade Note: The grade and 2.5 credits are only reflected on the transcript after students have completed both P1 and P2. At the end of the P1 course, students will receive an "IP" ("In Progress") grade in HPM 966. P1. When grades are posted at the end of HPM 966.P2, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits.

Course Requirements: Course restricted to MPH-65 HM students. This is a required course.

Requirements: HSPH: Returning MPH 65-HM

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course
HSPH:Year Long Course	HSPH:Year Long Course

Subject: Decision Science

Decision Science 280 Section: 1

Decision Analysis for Health and Medical Practices (191102)

Ankur Pandya

2024 Fall (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 164

This course is designed to introduce the student to the methods and growing range of applications of decision analysis and cost-effectiveness analysis in health technology assessment, medical and public health decision making, and health resource allocation. The objectives of the course are: (1) to provide a basic technical understanding of the methods used, (2) to give the student an appreciation of the practical problems in applying these methods to the evaluation of clinical interventions and public health policies, and (3) to give the student an appreciation of the uses and limitations of these methods in decision making at the individual, organizational, and policy level both in high-income and low-income settings.

Course Note: Introductory economics is recommended but not required.
Pre-requisites: ID 201 or BIO200 or BST201 or BST202&203 or BST206&207 or BST206&208 or BST206&209 (all courses may be taken concurrently). Students who have taken RDS 286 may not take RDS 280. Pre-requisites can be waived with RDS280 instructor's permission.

Class Notes: Pre-requisites: ID 201 or BIO200 or BST201 or BST202&203 or BST206&207 or BST206&208 or BST206&209 (all courses may be taken concurrently).

Students who have taken RDS 286 may not take RDS 280.

Requirements: Pre-requisites: ID 201 or BIO200 or BST201 or BST202&203 or BST206&207 or BST206&208 or BST206&209 (all courses may be taken concurrently).

Students who have taken RDS 286 may not take RDS 280.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration

Decision Science 284 Section: 1

Decision Theory (191105)

James Hammitt

2024 Fall (5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 24

Introduces the standard model of decision-making under uncertainty, its conceptual foundations, challenges, alternatives, and methodological issues arising from the application of these techniques to health issues. Topics include von Neumann-Morgenstern and multi-attribute utility theory, Bayesian statistical decision theory, stochastic dominance, the value of information, judgment under uncertainty and alternative models of probability and decision making (regret theory, prospect theory, generalized expected utility). Applications are to preferences for health and aggregation of preferences over time and across individuals.

Class Notes: Students outside of HSPH must request instructor permission to enroll in this course.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 3: Essential Course

Immunology and Infectious Disease

Subject: Immunology Infectious Disease

Immunology Infectious Disease 201 Section: 1

Eradicating Malaria and Neglected Tropical Diseases (190830)

Jeffrey Dvorin

Manoj Duraisingh

Dyann Wirth

2024 Fall (2.5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 45

This course is a survey to introduce core concepts and tools of disease eradication. We will discuss the current tools (or lack of tools), the evidence for their effective use, and their successes and failures, and we will discuss the policies and programs required to effectively use these tools for infectious disease control and eradication. In Session 1-6, we will focus on malaria as a context for introducing the many aspects of disease eradication. From Session 7-13, each session will focus on control and/or eradication of a new neglected tropical disease. Session 14-16 will then synthesize the course content and introduce new real-world challenges that will shape the implementation of disease control and eradication programs discussed in this course.

The class will meet twice a week, and each session will be divided into a didactic/lecture part and a discussion part. During the discussion, we will actively evaluate the evidence behind current global public health practices, emphasizing "cross-cutting" concepts and tools that are relevant to several of the diseases discussed in this course.

The tangible skills that will be obtained during this course include the ability to recognize, utilize, and critically evaluate strategies for disease eradication and the ability to effectively communicate a plan for systematic control and/or eradication of malaria and neglected tropical diseases.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course

Immunology Infectious Disease 220 Section: 1

Topics in Immunology and Infectious Diseases (213676)

Smita Gopinath

2024 Fall (2.5 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 40

The course will include student-led discussions that promote close reading, analysis, and evaluation of papers; attendance at the Department of Immunology and Infectious Diseases seminar series; and assessment of and discussion about oral science communication based on the seminars themselves. Lastly, the course will provide students with the opportunity to engage with leaders in the field. Topics will depend on the invited speakers' fields and the class' interests.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 3: Essential Course

Master of Public Health

Subject: Master of Public Health

Master of Public Health 101 Section: 1

Qualitative Methods for Public Health: A Brief Introduction (215930)

Emma-Louise Aveling

Jane Roberts

2024 Fall (0.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

This online module will provide a basic introduction to qualitative methods in public health research. It is intended for students with little or no prior knowledge of qualitative research methods, but who have an interest in using or conducting qualitative research to inform health policy and practice. The module will provide an overview of the qualitative research paradigm, including fundamental principles of the paradigm, potential uses of qualitative inquiry in addressing public health issues, the value, and utility of core data

generation methods, and basic principles of qualitative data analysis.

Class Notes: Eligibility Requirements: MPH 101 is open to students in the MPH Program only.

Please direct all questions about MPH 101 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu

Requirements: HSPH: Course reserved for MPH students

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 102 Section: 1

Health Systems (213633)

Meredith Rosenthal

Rifat Atun

2024 Fall (1.25 Credits) Schedule: M 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 120

Health systems are the foundation of health care delivery and an essential component of the public health landscape. Health Systems is designed to provide MPH students with an understanding of the components of a health system and alternative ways of understanding its structure, functions, and effectiveness. Through exploring both global and U.S. health systems within a comparative framework, students will learn to analyze the different choices that countries make in providing health coverage and health care to their populations and the challenges and benefits that these choices entail. This is an introductory survey course that enables students to learn essential concepts in each topic area.

Class Notes: Eligibility Requirements: All Residential MPH Students. MPH-45 Global Health students are exempt from MPH 102.

Must be taken with lab. Students in MPH 102 Section 1, please choose Lab 1, Lab 2, or Lab 3, which takes place on Wednesdays, 11:30am - 12: 30pm.

Note that MPH 102 Section 1 is only four weeks long, September 3 - September 25. Students should still comply with the drop/ add/course change and withdrawal deadlines for Fall 1.

Please direct all questions about MPH 102 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement

Master of Public Health 102 Section: 2

Health Systems (213633)

Meredith Rosenthal

Rifat Atun

2024 Fall (1.25 Credits) Schedule: W 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 120

Health systems are the foundation of health care delivery and an essential component of the public health landscape. Health Systems is designed to provide MPH students with an understanding of the components of a health system and alternative ways of understanding its structure, functions, and effectiveness. Through exploring both global and U.S. health systems within a comparative framework, students will learn to analyze the different choices that countries make in providing health coverage and health care to their populations and the challenges and benefits that these choices entail. This is an introductory survey course that enables students to learn essential concepts in each topic area.

Class Notes: Eligibility Requirements: All Residential MPH Students. MPH-45 Global Health students are exempt from MPH 102.

Must be taken with lab. Students in MPH 102 Section 2, please enroll in Lab 4, Lab 5, or Lab 6, which takes place on Monday, 11:30am - 12:30pm.

Note that MPH 102 Section 2 is only four weeks long, September 3 - September 25. Students should still comply with the drop/ add/course change and withdrawal deadlines for Fall 1.

Please direct all questions about MPH 102 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement

Master of Public Health 102 Section: 3

Health Systems (213633)

Meredith Rosenthal

Rifat Atun

2024 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

Health systems are the foundation of health care delivery and an essential component of the public health landscape. Health Systems is designed to provide MPH students with an understanding of the components of a health system and alternative ways of understanding its structure, functions, and effectiveness. Through exploring both global and U.S. health systems within a comparative framework, students will learn to analyze the different choices that countries make in providing health coverage and health care to their populations and the challenges and benefits that these choices entail. This is an introductory survey course that enables students to learn essential concepts in each topic area.

Class Notes: Eligibility Requirements: Section 3 is available only to students in the MPH-GEN, MPH-EPI, MPH-CLE Summer-Focused, and part-time MPH Programs.

- MPH 102 Section 3 is online, asynchronous, with set deadlines for each module.
- No lab is required, but students are highly encouraged to attend the optional online, live sessions.
- Section 3 is 8 weeks long.

Please direct all questions about MPH 102 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter

Master of Public Health 102LAB Section: 1

Health Systems - Required LAB (224690)

Meredith Rosenthal

Rifat Atun

2024 Fall (0 Credits) Schedule: W 1130 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 40

Health systems are the foundation of health care delivery and an essential component of the public health landscape. Health Systems is designed to provide MPH students with an understanding of the components of a health system and alternative ways of understanding its structure, functions, and effectiveness. Through exploring both global and U.S. health systems within a comparative framework, students will learn to analyze

the different choices that countries make in providing health coverage and health care to their populations and the challenges and benefits that these choices entail. This is an introductory survey course that enables students to learn essential concepts in each topic area.

Class Notes: Students enrolled in MPH 102 Section 1 and Section 2 must also enroll in lab.

Section 1: choose among Lab 1, Lab 2, or Lab 3
Section 2: choose among Lab 4, Lab 5, or Lab 6
Section 3: no lab required

Requirements: Must enroll in MPH 102

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Master of Public Health 102LAB Section: 2

Health Systems - Required LAB (224690)

Meredith Rosenthal

Rifat Atun

2024 Fall (0 Credits) Schedule: W 1130 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 40

Health systems are the foundation of health care delivery and an essential component of the public health landscape. Health Systems is designed to provide MPH students with an understanding of the components of a health system and alternative ways of understanding its structure, functions, and effectiveness. Through exploring both global and U.S. health systems within a comparative framework, students will learn to analyze the different choices that countries make in providing health coverage and health care to their populations and the challenges and benefits that these choices entail. This is an introductory survey course that enables students to learn essential concepts in each topic area.

Class Notes: Students enrolled in MPH 102 Section 1 and Section 2 must also enroll in lab.

Section 1: choose among Lab 1, Lab 2, or Lab 3
Section 2: choose among Lab 4, Lab 5, or Lab 6
Section 3: no lab required; open to online and part-time MPH students only

Requirements: Must enroll in MPH 102

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 1: School-Wide Core Requirement

Master of Public Health 102LAB Section: 3

Health Systems - Required LAB (224690)

Meredith Rosenthal

Rifat Atun

2024 Fall (0 Credits) Schedule: W 1130 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 40

Health systems are the foundation of health care delivery and an essential component of the public health landscape. Health Systems is designed to provide MPH students with an understanding of the components of a health system and alternative ways of understanding its structure, functions, and effectiveness. Through exploring both global and U.S. health systems within a comparative framework, students will learn to analyze the different choices that countries make in providing health coverage and health care to their populations and the challenges and benefits that these choices entail. This is an introductory survey course that enables students to learn essential concepts in each topic area.

Class Notes: Students enrolled in MPH 102 Section 1 and Section 2 must also enroll in lab.

Section 1: choose among Lab 1, Lab 2, or Lab 3
Section 2: choose among Lab 4, Lab 5, or Lab 6
Section 3: no lab required; open to online and part-time students only

Requirements: Must enroll in MPH 102

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Master of Public Health 102LAB Section: 4

Health Systems - Required LAB (224690)

Meredith Rosenthal

Rifat Atun

2024 Fall (0 Credits) Schedule: M 1130 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 40

Health systems are the foundation of health care delivery and an essential component of the public health landscape. Health Systems is designed to provide MPH students with an understanding of the components of a health system and alternative ways of understanding its structure, functions, and effectiveness. Through

exploring both global and U.S. health systems within a comparative framework, students will learn to analyze the different choices that countries make in providing health coverage and health care to their populations and the challenges and benefits that these choices entail. This is an introductory survey course that enables students to learn essential concepts in each topic area.

Class Notes: Students enrolled in MPH 102 Section 1 and Section 2 must also enroll in lab.

Section 1: choose among Lab 1, Lab 2, or Lab 3
Section 2: choose among Lab 4, Lab 5, or Lab 6
Section 3: no lab required; open to online and part-time students only

Requirements: Must enroll in MPH 102

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration
Course Evaluation	Course Evaluation Exempt

Master of Public Health 102LAB Section: 5

Health Systems - Required LAB (224690)

Meredith Rosenthal

Rifat Atun

2024 Fall (0 Credits) Schedule: M 1130 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 40

Health systems are the foundation of health care delivery and an essential component of the public health landscape. Health Systems is designed to provide MPH students with an understanding of the components of a health system and alternative ways of understanding its structure, functions, and effectiveness. Through exploring both global and U.S. health systems within a comparative framework, students will learn to analyze the different choices that countries make in providing health coverage and health care to their populations and the challenges and benefits that these choices entail. This is an introductory survey course that enables students to learn essential concepts in each topic area.

Class Notes: Students enrolled in MPH 102 Section 1 and Section 2 must also enroll in lab.

Section 1: choose among Lab 1, Lab 2, or Lab 3
Section 2: choose among Lab 4, Lab 5, or Lab 6
Section 3: no lab required; open to online and part-time students only

Requirements: Must enroll in MPH 102

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement

Master of Public Health 103 Section: 1

Leadership and Communication (213632)

Ted Witherell

2024 Fall (1.25 Credits) Schedule: M 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 120

The effective practice of public health in the 21st century requires working with interdisciplinary teams, communicating effectively with diverse audiences, and successfully leading and managing others to achieve better health outcomes for all populations. This course is designed to provide MPH students with an understanding of, and appreciation for, the fundamentals of leadership, management, and governance; cultural competence; and communicating with different audiences. Through case study analysis, experiential exercises, simulations, lectures, practitioner panels, and application activities and assignments, students will explore the opportunities and challenges of being in leadership positions and will develop important skills in negotiation and mediation, budgeting and resource management, systems thinking, and selecting and developing a variety of audience-appropriate communication strategies.

Class Notes: Eligibility Requirements: All Residential MPH Students.

Must be taken with lab. Students in MPH 103 Section 1, please choose Lab 1 or Lab 2 or Lab 3, which takes place on Wednesdays, 11:30am - 12:30pm.

Note that MPH 103 Section 1 is only four weeks long, November 25 - December 18. Students should still comply with the drop/add/course change and withdrawal deadlines for Fall 2.

Please direct all questions about MPH 103 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 103 Section: 2

Leadership and Communication (213632)

Ted Witherell

2024 Fall (1.25 Credits) Schedule: W 1130 AM - 0100 PM
M 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 120

The effective practice of public health in the 21st century requires working with interdisciplinary teams, communicating effectively with diverse audiences, and successfully leading and managing others to achieve better health outcomes for all populations. This course is designed to provide MPH students with an understanding of, and appreciation for, the fundamentals of leadership, management, and governance; cultural competence; and communicating with different audiences. Through case study analysis, experiential exercises, simulations, lectures, practitioner panels, and application activities and assignments, students will explore the opportunities and challenges of being in leadership positions and will develop important skills in negotiation and mediation, budgeting and resource management, systems thinking, and selecting and developing a variety of audience-appropriate communication strategies.

Class Notes: Eligibility Requirements: All Residential MPH Students.

Must be taken with lab. Students in MPH 103 Section 2, please choose Lab 4 or Lab 5 or Lab 6, which takes place on Mondays, 11:30am - 12:30pm.

Note that MPH 103 Section 2 is only four weeks long, November 25 - December 18. Students should still comply with the drop/add/course change and withdrawal deadlines for Fall 2.

Please direct all questions about MPH 103 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 103 Section: 3

Leadership and Communication (213632)

Ted Witherell

2024 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

The effective practice of public health in the 21st century requires working with interdisciplinary teams, communicating effectively with diverse audiences, and successfully leading and managing others to achieve better health outcomes for all populations. This course is designed to provide MPH students with an understanding of, and appreciation for, the fundamentals of leadership, management, and governance; cultural competence; and communicating with different audiences. Through case study analysis, experiential

exercises, simulations, lectures, practitioner panels, and application activities and assignments, students will explore the opportunities and challenges of being in leadership positions and will develop important skills in negotiation and mediation, budgeting and resource management, systems thinking, and selecting and developing a variety of audience-appropriate communication strategies.

Class Notes: Eligibility Requirements: Section 3 is available only to students in the MPH-GEN, MPH-EPI, MPH-CLE Summer-Focused, and part-time MPH Programs.

Section 3 is online and asynchronous, with set deadlines for each module.

No lab is required, but students are highly encouraged to attend the optional online, live sessions.

Section 3 is 8 weeks long.

Please direct all questions about this course to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 103LAB Section: 1

Leadership and Communication - Required LAB (224691)

Ted Witherell

2024 Fall (0 Credits) Schedule: W 1130 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 40

The effective practice of public health in the 21st century requires working with interdisciplinary teams, communicating effectively with diverse audiences, and successfully leading and managing others to achieve better health outcomes for all populations. This course is designed to provide MPH students with an understanding of, and appreciation for, the fundamentals of leadership, management, and governance; cultural competence; and communicating with different audiences. Through case study analysis, experiential exercises, simulations, lectures, practitioner panels, and application activities and assignments, students will explore the opportunities and challenges of being in leadership positions and will develop important skills in negotiation and mediation, budgeting and resource management, systems thinking, and selecting and developing a variety of audience-appropriate communication strategies.

Class Notes: Students enrolled in MPH 103 Section 1 and Section 2 must also enroll in lab.

Section 1: choose among Lab 1, Lab 2, or Lab 3
Section 2: choose among Lab 4, Lab 5, or Lab 6
Section 3: no lab required; open to online and part-time students only

Requirements: Students are required to enroll in both MPH 103 and MPH 103LAB.

To enroll in a section of MPH 103LAB, students must enroll in MPH 103 first.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 103LAB Section: 2

Leadership and Communication - Required LAB (224691)

Ted Witherell

2024 Fall (0 Credits) Schedule: W 1130 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 40

The effective practice of public health in the 21st century requires working with interdisciplinary teams, communicating effectively with diverse audiences, and successfully leading and managing others to achieve better health outcomes for all populations. This course is designed to provide MPH students with an understanding of, and appreciation for, the fundamentals of leadership, management, and governance; cultural competence; and communicating with different audiences. Through case study analysis, experiential exercises, simulations, lectures, practitioner panels, and application activities and assignments, students will explore the opportunities and challenges of being in leadership positions and will develop important skills in negotiation and mediation, budgeting and resource management, systems thinking, and selecting and developing a variety of audience-appropriate communication strategies.

Class Notes: Students enrolled in MPH 103 Section 1 and Section 2 must also enroll in lab.

Section 1: choose among Lab 1, Lab 2, or Lab 3
Section 2: choose among Lab 4, Lab 5, or Lab 6
Section 3: no lab required; open to online and part-time students only

Requirements: Students are required to enroll in both MPH 103 and MPH 103LAB.

To enroll in a section of MPH 103LAB, students must enroll in MPH 103 first.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 103LAB Section: 3

Leadership and Communication - Required LAB (224691)

Ted Witherell

2024 Fall (0 Credits) Schedule: W 1130 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 40

The effective practice of public health in the 21st century requires working with interdisciplinary teams, communicating effectively with diverse audiences, and successfully leading and managing others to achieve better health outcomes for all populations. This course is designed to provide MPH students with an understanding of, and appreciation for, the fundamentals of leadership, management, and governance; cultural competence; and communicating with different audiences. Through case study analysis, experiential exercises, simulations, lectures, practitioner panels, and application activities and assignments, students will explore the opportunities and challenges of being in leadership positions and will develop important skills in negotiation and mediation, budgeting and resource management, systems thinking, and selecting and developing a variety of audience-appropriate communication strategies.

Class Notes: Students enrolled in MPH 103 Section 1 and Section 2 must also enroll in lab.

Section 1: choose among Lab 1, Lab 2, or Lab 3
Section 2: choose among Lab 4, Lab 5, or Lab 6
Section 3: no lab required; open to online and part-time students only

Requirements: Students are required to enroll in both MPH 103 and MPH 103LAB.

To enroll in a section of MPH 103LAB, students must enroll in MPH 103 first.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration
Course Evaluation	Course Evaluation Exempt

Master of Public Health 103LAB Section: 4

Leadership and Communication - Required LAB (224691)

Ted Witherell

2024 Fall (0 Credits) Schedule: M 1130 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 40

The effective practice of public health in the 21st century requires working with interdisciplinary teams, communicating effectively with diverse audiences, and successfully leading and managing others to achieve

better health outcomes for all populations. This course is designed to provide MPH students with an understanding of, and appreciation for, the fundamentals of leadership, management, and governance; cultural competence; and communicating with different audiences. Through case study analysis, experiential exercises, simulations, lectures, practitioner panels, and application activities and assignments, students will explore the opportunities and challenges of being in leadership positions and will develop important skills in negotiation and mediation, budgeting and resource management, systems thinking, and selecting and developing a variety of audience-appropriate communication strategies.

Class Notes: Students enrolled in MPH 103 Section 1 and Section 2 must also enroll in lab.

Section 1: choose among Lab 1, Lab 2, or Lab 3
Section 2: choose among Lab 4, Lab 5, or Lab 6
Section 3: no lab required; open to online and part-time students only

Requirements: Students are required to enroll in both MPH 103 and MPH 103LAB.

To enroll in a section of MPH 103LAB, students must enroll in MPH 103 first.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement

Master of Public Health 103LAB Section: 5

Leadership and Communication - Required LAB (224691)

Ted Witherell

2024 Fall (0 Credits) Schedule: M 1130 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 40

The effective practice of public health in the 21st century requires working with interdisciplinary teams, communicating effectively with diverse audiences, and successfully leading and managing others to achieve better health outcomes for all populations. This course is designed to provide MPH students with an understanding of, and appreciation for, the fundamentals of leadership, management, and governance; cultural competence; and communicating with different audiences. Through case study analysis, experiential exercises, simulations, lectures, practitioner panels, and application activities and assignments, students will explore the opportunities and challenges of being in leadership positions and will develop important skills in negotiation and mediation, budgeting and resource management, systems thinking, and selecting and developing a variety of audience-appropriate communication strategies.

Class Notes: Students enrolled in MPH 103 Section 1 and Section 2 must also enroll in lab.

Section 1: choose among Lab 1, Lab 2, or Lab 3
Section 2: choose among Lab 4, Lab 5, or Lab 6
Section 3: no lab required; open to online and part-time students only

Requirements: Students are required to enroll in both MPH 103 and MPH 103LAB.

To enroll in a section of MPH 103LAB, students must enroll in MPH 103 first.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration
Course Evaluation	Course Evaluation Exempt

Master of Public Health 103LAB Section: 6

Leadership and Communication - Required LAB (224691)

Ted Witherell

2024 Fall (0 Credits) Schedule: M 1130 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 40

The effective practice of public health in the 21st century requires working with interdisciplinary teams, communicating effectively with diverse audiences, and successfully leading and managing others to achieve better health outcomes for all populations. This course is designed to provide MPH students with an understanding of, and appreciation for, the fundamentals of leadership, management, and governance; cultural competence; and communicating with different audiences. Through case study analysis, experiential exercises, simulations, lectures, practitioner panels, and application activities and assignments, students will explore the opportunities and challenges of being in leadership positions and will develop important skills in negotiation and mediation, budgeting and resource management, systems thinking, and selecting and developing a variety of audience-appropriate communication strategies.

Class Notes: Students enrolled in MPH 103 Section 1 and Section 2 must also enroll in lab.

Section 1: choose among Lab 1, Lab 2, or Lab 3
Section 2: choose among Lab 4, Lab 5, or Lab 6
Section 3: no lab required; open to online and part-time students only

Requirements: Students are required to enroll in both MPH 103 and MPH 103LAB.

To enroll in a section of MPH 103LAB, students must enroll in MPH 103 first.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration
Course Evaluation	Course Evaluation Exempt

Master of Public Health 104 Section: 1

Social, Behavioral, and Structural Determinants of Health (213634)

Natalie Slopen

Miranda Mancusi

2024 Fall (1.25 Credits)		Schedule:	M 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	120

Social, Behavioral, and Structural Determinants of Health aims to provide an introduction to the social determinants of health, examine how social determinants influence the health of individuals, communities, and populations, provide an overview of public health intervention and evaluation approaches, and introduce health advocacy. Faculty will offer foundational frameworks and theories, discuss relevant research, explore potential interventions to improve health status and health outcomes, and encourage participants to apply their learning to current US and international contexts and issues. In addition to weekly discussion boards and check-in quizzes to grapple with the weekly material, students will get to complete two written assignments centered around identifying and addressing a solution to a health disparity in their home community. After learning the basics of how to write a critical communication/advocacy format (i.e. an op-ed), students will author one as the final assignment for this course.

Class Notes:

Eligibility Requirements: All Residential MPH Students.

Eligibility Requirements: All Residential MPH Students. MPH-45 and MPH-65 Health and Social Behavior students are exempt from MPH 104.

Must be taken with lab. Students in MPH 104 Section 1, please choose Lab 1 or Lab 2 or Lab 3, which takes place on Wednesdays, 11:30am - 12:30pm.

Note that MPH 104 Section 1 is only four weeks long, September 30 – October 23. Students should still comply with the drop/add/ course change and withdrawal deadlines for Fall 1.

Please direct all questions about MPH 104 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement

Master of Public Health 104 Section: 2

Social, Behavioral, and Structural Determinants of Health (213634)

Natalie Slopen

Miranda Mancusi

2024 Fall (1.25 Credits)		Schedule:	W 1130 AM - 0100 PM
			W 1130 AM - 0100 PM
Instructor Permissions:	None	Enrollment Cap:	120

Social, Behavioral, and Structural Determinants of Health aims to provide an introduction to the social determinants of health, examine how social determinants influence the health of individuals, communities, and populations, provide an overview of public health intervention and evaluation approaches, and introduce health advocacy. Faculty will offer foundational frameworks and theories, discuss relevant research, explore potential interventions to improve health status and health outcomes, and encourage participants to apply their learning to current US and international contexts and issues. In addition to weekly discussion boards and check-in quizzes to grapple with the weekly material, students will get to complete two written assignments centered around identifying and addressing a solution to a health disparity in their home community. After learning the basics of how to write a critical communication/advocacy format (i.e. an op-ed), students will author one as the final assignment for this course.

Class Notes: Eligibility Requirements: All Residential MPH Students. MPH-45 and MPH-65 Health and Social Behavior students are exempt from MPH 104.

Must be taken with lab. Students in MPH 104 Section 2, please choose Lab 4 or Lab 5 or Lab 6, which takes place on Mondays, 11:30am - 12:30pm.

Note that MPH 104 Section 2 is only four weeks long, September 30 – October 23. Students should still comply with the drop/add/ course change and withdrawal deadlines for Fall 1.

Please direct all questions about MPH 104 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 104 Section: 3

Social, Behavioral, and Structural Determinants of Health (213634)

Natalie Slopen

Miranda Mancusi

2024 Fall (1.25 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

Social, Behavioral, and Structural Determinants of Health aims to provide an introduction to the social determinants of health, examine how social determinants influence the health of individuals, communities, and populations, provide an overview of public health intervention and evaluation approaches, and introduce health advocacy. Faculty will offer foundational frameworks and theories, discuss relevant research, explore potential interventions to improve health status and health outcomes, and encourage participants to apply their learning to current US and international contexts and issues. In addition to weekly discussion boards and check-in quizzes to grapple with the weekly material, students will get to complete two written assignments centered around identifying and addressing a solution to a health disparity in their home community. After learning the basics of how to write a critical communication/advocacy format (i.e. an op-ed), students will author one as the final assignment for this course.

Class Notes: Eligibility Requirements: this section is available only to students in the MPH-GEN, MPH-EPI, MPH-CLE Summer-Focused, and part-time MPH Programs.

Section 3 is online, asynchronous, with set deadlines for each module.

No lab is required, but students are highly encouraged to attend the optional online live sessions.

Section 3 is 8 weeks long.

Please direct all questions about MPH 104 to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement

Master of Public Health 104LAB Section: 1

Social, Behavioral, and Structural Determinants of Health - Required LAB (224692)

Natalie Slopen

Miranda Mancusi

2024 Fall (0 Credits) Schedule: W 1130 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 40

Social, Behavioral, and Structural Determinants of Health aims to provide an introduction to the social determinants of health, examine how social determinants influence the health of individuals, communities, and populations, provide an overview of public health intervention and evaluation approaches, and

introduce health advocacy. Faculty will offer foundational frameworks and theories, discuss relevant research, explore potential interventions to improve health status and health outcomes, and encourage participants to apply their learning to current US and international contexts and issues. In addition to weekly discussion boards and check-in quizzes to grapple with the weekly material, students will get to complete two written assignments centered around identifying and addressing a solution to a health disparity in their home community. After learning the basics of how to write a critical communication/advocacy format (i.e. an op-ed), students will author one as the final assignment for this course.

Class Notes: Students enrolled in MPH 104 Section 1 and Section 2 must also enroll in lab.

Section 1: please choose among Lab 1, Lab 2, or Lab 3
Section 2: please choose among Lab 4, Lab 5, or Lab 6
Section 3: no lab required; open to online and part-time students only

Requirements: Students are required to enroll in both MPH 104 and MPH 104LAB.

To enroll in a section of MPH 104LAB, students must enroll in MPH 104 first.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement

Master of Public Health 104LAB Section: 2

Social, Behavioral, and Structural Determinants of Health - Required LAB (224692)

Natalie Slopen

Miranda Mancusi

2024 Fall (0 Credits) Schedule: W 1130 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 40

Social, Behavioral, and Structural Determinants of Health aims to provide an introduction to the social determinants of health, examine how social determinants influence the health of individuals, communities, and populations, provide an overview of public health intervention and evaluation approaches, and introduce health advocacy. Faculty will offer foundational frameworks and theories, discuss relevant research, explore potential interventions to improve health status and health outcomes, and encourage participants to apply their learning to current US and international contexts and issues. In addition to weekly discussion boards and check-in quizzes to grapple with the weekly material, students will get to complete two written assignments centered around identifying and addressing a solution to a health disparity in their home community. After learning the basics of how to write a critical communication/advocacy format (i.e. an op-ed), students will author one as the final assignment for this course.

Class Notes: Students enrolled in MPH 104 Section 1 and Section 2 must also enroll in lab.

Section 1: choose among Lab 1, Lab 2, or Lab 3
Section 2: choose among Lab 4, Lab 5, or Lab 6
Section 3: no lab required; open to online and part-time students only

Requirements: Students are required to enroll in both MPH 104 and MPH 104LAB.

To enroll in a section of MPH 104LAB, students must enroll in MPH 104 first.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 1: School-Wide Core Requirement
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Master of Public Health 104LAB Section: 3

Social, Behavioral, and Structural Determinants of Health - Required LAB (224692)

Natalie Slopen

Miranda Mancusi

2024 Fall (0 Credits) Schedule: W 1130 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 40

Social, Behavioral, and Structural Determinants of Health aims to provide an introduction to the social determinants of health, examine how social determinants influence the health of individuals, communities, and populations, provide an overview of public health intervention and evaluation approaches, and introduce health advocacy. Faculty will offer foundational frameworks and theories, discuss relevant research, explore potential interventions to improve health status and health outcomes, and encourage participants to apply their learning to current US and international contexts and issues. In addition to weekly discussion boards and check-in quizzes to grapple with the weekly material, students will get to complete two written assignments centered around identifying and addressing a solution to a health disparity in their home community. After learning the basics of how to write a critical communication/advocacy format (i.e. an op-ed), students will author one as the final assignment for this course.

Class Notes: Students enrolled in MPH 104 Section 1 and Section 2 must also enroll in lab.

Section 1: please choose among Lab 1, Lab 2, or Lab 3
Section 2: please choose among Lab 4, Lab 5, or Lab 6
Section 3: no lab required; open to online and part-time students only

Requirements: Students are required to enroll in both MPH 104 and MPH 104LAB.

To enroll in a section of MPH 104LAB, students must enroll in MPH 104 first.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 1: School-Wide Core Requirement

Master of Public Health 104LAB Section: 4

Social, Behavioral, and Structural Determinants of Health - Required LAB (224692)

Natalie Slopen

Miranda Mancusi

Monica Wang

2024 Fall (0 Credits) Schedule: M 1130 AM - 0100 PM
M 1130 AM - 0100 PM
W 1130 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 40

Social, Behavioral, and Structural Determinants of Health aims to provide an introduction to the social determinants of health, examine how social determinants influence the health of individuals, communities, and populations, provide an overview of public health intervention and evaluation approaches, and introduce health advocacy. Faculty will offer foundational frameworks and theories, discuss relevant research, explore potential interventions to improve health status and health outcomes, and encourage participants to apply their learning to current US and international contexts and issues. In addition to weekly discussion boards and check-in quizzes to grapple with the weekly material, students will get to complete two written assignments centered around identifying and addressing a solution to a health disparity in their home community. After learning the basics of how to write a critical communication/advocacy format (i.e. an op-ed), students will author one as the final assignment for this course.

Class Notes: Please note that the second lab session is on a Wednesday.

Students enrolled in MPH 104 Section 1 and Section 2 must also enroll in lab.

Section 1: choose among Lab 1, Lab 2, or Lab 3
Section 2: choose among Lab 4, Lab 5, or Lab 6
Section 3: no lab required; open to online and part-time students only

Requirements: Students are required to enroll in both MPH 104 and MPH 104LAB.

To enroll in a section of MPH 104LAB, students must enroll in MPH 104 first.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 1: School-Wide Core Requirement
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 104LAB Section: 5

Social, Behavioral, and Structural Determinants of Health - Required LAB (224692)

Natalie Slopen

Miranda Mancusi

Monica Wang

2024 Fall (0 Credits)

Schedule: M 1130 AM - 0100 PM
M 1130 AM - 0100 PM
W 1130 AM - 1230 PM

Instructor Permissions: None

Enrollment Cap: 40

Social, Behavioral, and Structural Determinants of Health aims to provide an introduction to the social determinants of health, examine how social determinants influence the health of individuals, communities, and populations, provide an overview of public health intervention and evaluation approaches, and introduce health advocacy. Faculty will offer foundational frameworks and theories, discuss relevant research, explore potential interventions to improve health status and health outcomes, and encourage participants to apply their learning to current US and international contexts and issues. In addition to weekly discussion boards and check-in quizzes to grapple with the weekly material, students will get to complete two written assignments centered around identifying and addressing a solution to a health disparity in their home community. After learning the basics of how to write a critical communication/advocacy format (i.e. an op-ed), students will author one as the final assignment for this course.

Class Notes: Please note that the second lab session is on a Wednesday.

Students enrolled in MPH 104 Section 1 and Section 2 must also enroll in lab.

Section 1: choose among Lab 1, Lab 2, or Lab 3
Section 2: choose among Lab 4, Lab 5, or Lab 6
Section 3: no lab required; open to online and part-time students only

Requirements: Students are required to enroll in both MPH 104 and MPH 104LAB.

To enroll in a section of MPH 104LAB, students must enroll in MPH 104 first.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 1: School-Wide Core Requirement

Master of Public Health 105 Section: 1

Public Health Policy and Politics (213635)

John McDonough

2024 Fall (1.25 Credits) Schedule: MW 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 350

The effective practice of public health in the 21st century demands familiarity with the dynamics of policy development. This includes policy development, enactment, implementation, evaluation, and revision, plus understanding political dynamics to achieve policy change and improvement. While this pursuit is lifelong, learning key foundational elements can quicken and broaden effective inquiry and engagement. This course will introduce MPH students to core and essential elements of policy and politics in the public health context, laying a foundation on which students can expand their familiarity and sophistication throughout their professional careers. Most of the sessions will include the use of a case study to illuminate and explore policy concepts and to familiarize students with public health policy areas.

Cases will be incorporate a global and/or domestic focus. Two core policy/political models will be consistent reference points in analyzing cases: first, John Kingdon's agenda-setting model (also known as the multiple streams model) and second, Mark Moore's strategic triangle (aka: public value) framework. To understand cases and core models, students will learn multiple dimensions of the policy process, including the roles of ethics, evidence, and equity. Students will engage in population-based policy design; evaluate policies to assess their impact on population health and health equity, and practice communication skills relating to public health content.

Class Notes: Enrollment eligibility: MPH 105 is open only to students in the MPH Program. Please direct all questions about the course to Ying-Ju Lai, Educational Programs Project Manager, at ylai@hsph.harvard.edu.

The course lectures will be delivered online and synchronously. No in-person classes will be held. All lectures will be recorded and posted to the course site. Optional in-person and online office hours will be held with the faculty member when possible.

Please note that MPH 105 is only four weeks long, from October 28 to November 20.

Requirements: Class restricted to MPH-EPI students.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration

Master of Public Health 106B Section: 1

Intersectoral Perspectives in Public Health (222990)

Daniela Lewy

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: 300

In addition to relying on technical proficiencies, public health practitioners must actively seek out the perspectives from professionals outside of public health, as well as those with lived experience. Perspectives

from other sectors and professions offer valuable insight into complex public health problems and can contribute to partnerships, collaborations, and more nuanced and effective solutions. This course will provide frameworks, theories, and examples of evidence-based intersectoral collaboration that can be incorporated into students' applied learning experience and future public health practice.

Requirements: MPH Students Only

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 1: School-Wide Core Requirement

Master of Public Health 300 Section: 1

Online Independent Study (225713)

Natalia Linos

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available.

This independent study is for MPH students in online programs. On campus students will not be permitted to enroll in this independent study course.

Requirements: MPH-GEN, MPH-EPI, MPH-SUM45

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Master of Public Health 300 Section: 2

Online Independent Study (225713)

William Bean

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available.

This independent study is for MPH students in online programs. On campus students will not be permitted to enroll in this independent study course.

Requirements: MPH-GEN, MPH-EPI, MPH-SUM45

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Not Available for Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Master of Public Health 300 Section: 3

Online Independent Study (225713)

Monica Rivera Bueno

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available.

This independent study is for MPH students in online programs. On campus students will not be permitted to enroll in this independent study course.

Requirements: MPH-GEN, MPH-EPI, MPH-SUM45

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Not Available for Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Master of Public Health 300 Section: 4

Online Independent Study (225713)

Monica Rivera Bueno

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available.

This independent study is for MPH students in online programs. On campus students will not be permitted to enroll in this independent study course.

Requirements: MPH-GEN, MPH-EPI, MPH-SUM45

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 4: Elective

Master of Public Health 300 Section: 5

Online Independent Study (225713)

William Bean

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available.

This independent study is for MPH students in online programs. On campus students will not be permitted to enroll in this independent study course.

Requirements: MPH-GEN, MPH-EPI, MPH-SUM45

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Master of Public Health 300 Section: 6

Online Independent Study (225713)

David Matheson

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available.

This independent study is for MPH students in online programs. On campus students will not be permitted to enroll in this independent study course.

Requirements: MPH-GEN, MPH-EPI, MPH-SUM45

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition

Subject: Nutrition

Nutrition 200 Section: 1

Introduction to Nutrition Science (216276)

Shilpa Bhupathiraju

2024 Fall (2.5 Credits)		Schedule:	MW 0945 AM - 1115 AM
Instructor Permissions:	None	Enrollment Cap:	24

What are nutrients? How does the human body absorb and utilize nutrients? How is nutrition relevant to certain chronic diseases? What nutrients are linked to malnutrition in the U.S. and globally? This foundational nutrition science course answers these and other nutrition related questions. Topics covered in the course include digestion and absorption of nutrients, macronutrients (carbohydrates, protein, and fats), micronutrients (water-soluble and fat-soluble vitamins, minerals), macronutrient metabolism, water and electrolytes, chronic disease and nutrition, lifecycle nutrition. This is a required course for the MPH 65 Nutrition students and recommended for nutrition doctoral students without prior courses in nutrition. The course is open to students from other departments and programs with an interest in nutrition.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH 65 NUT, PhD PHS NUT
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00AM – 8/25/2024 11:59PM
Wave 2 | 8/26/2024 12:00AM – 8/28/2024 11:59PM
Wave 3 | 8/29/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
HSPH: Conditionally Approved	Conditionally Approved Course
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Nutrition 201 Section: 1

Introduction to Nutrition in Public Health (190911)

Josiemer Mattei

Shilpa Bhupathiraju

2024 Fall (2.5 Credits) Schedule: MW 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 24

This course will provide an overview of current topics in nutrition within the context of public health. We will explore concepts in dietary assessment and epidemiology, the role of nutrition on common physical and mental health conditions, global nutrition, public health and community nutrition, agriculture and food policy, nutrition communication, diet in special populations, and other topics. The course will consist of lectures and in-class discussion of case studies or articles guided by experts in the topics, with active contribution from students.

Class Notes:

THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | NUT PHS & MPH65
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00AM – 8/25/2024 11:59PM
Wave 2 | 8/26/2024 12:00AM – 8/28/2024 11:59PM
Wave 3 | 8/29/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: To be eligible to enroll, students must have previously received a grade in NUT 200, or they must be enrolled in NUT 200 in the same term.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter

Nutrition 203 Section: 1

Nutrition Seminars, Part I (190913)

Walter Willett

2024 Fall (1.25 Credits) Schedule: M 0100 PM - 0200 PM

Instructor Permissions: None Enrollment Cap: 40

The Human Nutrition Seminars are held every Monday and focus in methodologic and applied areas of Nutrition. They consist of presentations by faculty or invited speakers. Generally taken by first year students. Attendance will be taken.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO

Nutrition 209 Section: 1

Seminars in Food Science, Technology, and Sustainability (190919)

Emmanouil Apostolidis

Christopher Golden

2024 Fall (2.5 Credits) Schedule: F 0345 PM - 0600 PM

Instructor Permissions: None Enrollment Cap: 32

The nutritional health of the public begins with food. There are two goals of this course: (1) To learn the basics of food science and technology, including food composition, chemistry, processing, and engineering; and (2) to understand how the broader food environment, including agricultural practices, food policy, and food trade, affects food availability and consumption. Through lectures, discussions, and group projects, students will be challenged to think critically about how the food supply impacts public health.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 218 Section: 1

"Exercise as Medicine" for the Prevention and Management of Chronic Diseases (220201)

Christina Dieli-Conwright

2024 Fall (2.5 Credits) Schedule: M 0945 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 16

Exercise is a potent non-pharmacologic lifestyle modality that positively alters chronic disease risk and management of chronic disease throughout the lifespan, and as such the phrase "Exercise as Medicine" is commonly used to underscore the importance of this modality in everyday life. Epidemiologic research supports the use of physical activity in support of exercise as medicine to address disease risk and management which has been further reinforced with efficacy data from clinical exercise trials. The breadth of this work lends to challenges in developing and implementing rigorously prescribed exercise across individuals and populations. This course will help students develop a framework for assessing and designing exercise strategies to reduce the burden of disease. Exercise approaches to disease prevention and management will focus on exercise prescription parameters, delivery settings, health outcomes, and health disparities. The lectures and readings will examine different issues around effectiveness, feasibility, and sustainability, including individual health status, barriers to exercise participation, and exercise treatment modalities. We will emphasize the timing of disease prevention and management in the context of the efficacy of exercise, at times coupled with dietary modifications, and identify knowledge gaps that warrant high risk, high reward, timely investigations culminating in a final project. Students will have homework assignments to collect and apply new knowledge within exercise medicine, which will be used to develop an exercise efficacy intervention targeting a biologic endpoint as a final project.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 4: Elective

Nutrition 232 Section: 1

Designing and Evaluating Behavioral Interventions Targeting Diet (190929)

Erica Kenney

Juliana Cohen

2024 Fall (5 Credits) Schedule: F 0945 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 30

This course outlines methods used to design, evaluate, and disseminate diet behavioral interventions in real world settings. This course will review the lifecycle of program planning and evaluation, community needs assessments, the role of program theory, process evaluations, valid and practical measures of diet, experimental and pragmatic approaches to impact evaluation, and strategies to disseminate evidence-based programs. Across these topics, the need to balance scientific rigor and the pragmatics of real world settings

will be carefully considered to ensure that students have a thorough understanding of the fundamentals of program planning and evaluation and can apply these skills in a flexible and adaptive manner in a range of social, political, and economic contexts.

A combination of lecture and discussion format will be used during classes. Several guest speakers will present to the class to provide a range of perspectives on strategies to design and evaluate effective diet and physical activity interventions in a variety of settings.

Prerequisites: Graduate standing.
Prior graduate coursework recommended in one or more of the following areas: nutrition, exercise science, social and behavioral sciences, or community health.

Class Notes: A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.
THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | MPH 65 NUT, PhD PHS NUT
Wave 2 | Open Enrollment
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00AM – 8/25/2024 11:59PM
Wave 2 | 8/26/2024 12:00AM – 8/28/2024 11:59PM
Wave 3 | 8/29/2024 12:00AM – Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Pre-Requisite/Co-Requisite: NUT 200

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Nutrition 300 Section: 016

Independent Study (190930)

Christopher Golden

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 300 Section: 1

Independent Study (190930)

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and

complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Independent Study	HSPH Independent Study 300
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective

Nutrition 300 Section: 2

Independent Study (190930)

2024 Fall (0 Credits) Schedule:

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
HSPH: Independent Study	HSPH Independent Study 300
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

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Nutrition 300 Section: 3

Independent Study (190930)

2024 Fall (0 Credits) Schedule:

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of

faculty time available. These programs are open to all students who wish to go beyond the content of the regular courses. Independent study work can include laboratory studies, projects in applied nutrition, library research, or the following special topic listed under NUT 301.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300
Course Evaluation	Course Evaluation Exempt

Nutrition 311 Section: 1

Teaching Assistant (218820)

Shilpa Bhupathiraju

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 311 Section: 2

Teaching Assistant (218820)

Shilpa Bhupathiraju

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Nutrition 311 Section: 3

Teaching Assistant (218820)

Shilpa Bhupathiraju

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective

Nutrition 350 Section: 1

Research (190935)

Shilpa Bhupathiraju

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 10

Research (190935)

Edward Giovannucci

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 11

Research (190935)

Edward Giovannucci

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 12

Research (190935)

Edward Giovannucci

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 13

Research (190935)

Frank Hu

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 14

Research (190935)

Frank Hu

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Nutrition 350 Section: 15

Research (190935)

Frank Hu

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 16

Research (190935)

Eric Rimm

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 17

Research (190935)

Eric Rimm

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 18

Research (190935)

Eric Rimm

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 19

Research (190935)

Sheila Isanaka

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 2

Research (190935)

Alberto Ascherio

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 20

Research (190935)

Sheila Isanaka

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 21

Research (190935)

Sheila Isanaka

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 22

Research (190935)

Stephanie Smith-Warner

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 23

Research (190935)

Stephanie Smith-Warner

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 24

Research (190935)

Stephanie Smith-Warner

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Nutrition 350 Section: 25

Research (190935)

Alberto Ascherio

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Nutrition 350 Section: 27

Research (190935)

Cindy Leung

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 28

Research (190935)

Walter Willett

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Nutrition 350 Section: 29

Research (190935)

Walter Willett

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 3

Research (190935)

Cindy Leung

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 30

Research (190935)

Walter Willett

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Nutrition 350 Section: 31

Research (190935)

Cindy Leung

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 34

Research (190935)

Jorge Chavarro

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 35

Research (190935)

Jorge Chavarro

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Nutrition 350 Section: 36

Research (190935)

Jorge Chavarro

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 4

Research (190935)

Christopher Duggan

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 40

Research (190935)

Josiemer Mattei

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Nutrition 350 Section: 41

Research (190935)

Josiemer Mattei

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 42

Research (190935)

Josiemer Mattei

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Nutrition 350 Section: 45

Research (190935)

Christopher Golden

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 46

Research (190935)

Christopher Golden

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Nutrition 350 Section: 47

Research (190935)

Christopher Golden

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 48

Research (190935)

Erica Kenney

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 49

Research (190935)

Erica Kenney

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 5

Research (190935)

Christopher Duggan

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 50

Research (190935)

Erica Kenney

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 54

Research (190935)

Qi Sun

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 350 Section: 55

Research (190935)

Qi Sun

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 2: Required Course

Nutrition 350 Section: 56

Research (190935)

Qi Sun

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Nutrition 350 Section: 6

Research (190935)

Christopher Duggan

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Nutrition 350 Section: 7

Research (190935)

Shilpa Bhupathiraju

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Nutrition 350 Section: 8

Research (190935)

Shilpa Bhupathiraju

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Nutrition 400 Section: 2

Non-Resident Research (190939)

Frank Hu

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department. Research topics that may be taken under the direction of the faculty are listed below.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Nutrition 400 Section: 4

Non-Resident Research (190939)

Walter Willett

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department. Research topics that may be taken under the direction of the faculty are listed below.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Nutrition 965.P1 Section: 1

Applied Practice Experience for Nutrition (215722)

Teresa Fung

2024 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 20

All students completing a Master of Public Health degree must complete an Applied Practice Experience ("Practicum") . This required course is designed to meet this degree requirement. In the course, students will identify and complete a practicum that will be of value to their professional development and career goals. Students will also share their practicum experience with their MPH colleagues via a "peer-to-peer" joint learning experience. Class sessions will focus on developing tools and insights that will be useful in future public health practice, as well as sessions focused on the job search.

This is a two-semester course worth a total of 2.5 credits. Part 1 of the course (NUT 965.P1) is 1.25 credits and takes place in Fall 2 of the first year. The practicum takes place during the summer. Part 2 of the course (NUT 965.P2) is 1.25 credits takes place in Fall 1 of the second year.

Grade Note: The grade and 2.5 credits are only reflected on the transcript after students have completed both P1 and P2. At the end of the P1 course, students will receive an "IP" ("In Progress") grade in NUT 965.P1. When grades are posted at the end of NUT 965.P2, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits.

Course Requirements: Course restricted to MPH-65 NUT students. This is a required course.

Requirements: HSPH: PW MPH 65 NUT

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Course Category	Category 2: Required Course
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Conditionally Approved	Conditionally Approved Course

Nutrition 965.P2 Section: 1

Applied Practice Experience for Nutrition - Part II (216304)

Teresa Fung

2024 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 20

All students completing a Master of Public Health degree must complete an Applied Practice Experience ("Practicum") . This required course is designed to meet this degree requirement. In the course, students will identify and complete a practicum that will be of value to their professional development and career goals. Students will also share their practicum experience with their MPH colleagues via a "peer-to-peer" joint learning experience. Class sessions will focus on developing tools and insights that will be useful in future public health practice, as well as sessions focused on the job search.

This is a two-semester course worth a total of 2.5 credits. Part 1 of the course (NUT 965.P1) is 1.25 credits and takes place in Fall 2 of the first year. The practicum takes place during the summer. Part 2 of the course (NUT 965.P2) is 1.25 credits takes place in Fall 1 of the second year.

Grade Note: The grade and 2.5 credits are only reflected on the transcript after students have completed both P1 and P2. At the end of the P1 course, students will receive an "IP" ("In Progress") grade in NUT 965.P1. When grades are posted at the end of NUT 965.P2, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits.

Course Requirements: Course restricted to MPH-65 NUT students. This is a required course.

Requirements: HSPH: PW MPH 65 NUT

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
HSPH:Year Long Course	HSPH:Year Long Course
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Conditionally Approved	Conditionally Approved Course

Social and Behavioral Sciences

Subject: Social & Behavioral Sciences

Social & Behavioral Sciences 201 Section: 1

Society and Health (191116)

Ichiro Kawachi

2024 Fall (2.5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 76

The course surveys the social determinants of health: socioeconomic status, structural racism, income inequality, neighborhood contexts, psychosocial work environment, social networks and social capital. The sessions introduce theories linking each social determinant to population health outcomes, measurement issues, and threats to causal inference. Sessions include discussion of different methods used in social epidemiology to understand causal processes, including econometric methods, multi-level regression and the use of natural experiments.

Course Activities: Short written assignments, class discussion, final examination.

Course Note: Requirement for HSB-45, HSB-65, SBS-SM1, and PHS-SBS students. All enrolled students must also enroll in a required lab section.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH45-HSB, MPH65-HSB, SM1 SBS, PHD PHS SBS
Wave 2 | PHD PHS NUT & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)
Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)
**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 1: School-Wide Core Requirement

Social & Behavioral Sciences 201LAB Section: 1

Society and Health (213464)

Ichiro Kawachi

2024 Fall (0 Credits) Schedule: R 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 16

The course surveys the social determinants of health: socioeconomic status, structural racism, income inequality, neighborhood contexts, psychosocial work environment, social networks and social capital. The sessions introduce theories linking each social determinant to population health outcomes, measurement issues, and threats to causal inference. Sessions include discussion of different methods used in social epidemiology to understand causal processes, including econometric methods, multi-level regression and the use of natural experiments.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH45-HSB, MPH65-HSB, SM1 SBS, PHD PHS SBS
Wave 2 | PHD PHS NUT & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)
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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both SBS 201 and SBS 201LAB.

To enroll in SBS 201LAB, students must first enroll in SBS 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 201LAB Section: 2

Society and Health (213464)

Ichiro Kawachi

2024 Fall (0 Credits) Schedule: R 0200 PM - 0330 PM
R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 21

The course surveys the social determinants of health: socioeconomic status, structural racism, income inequality, neighborhood contexts, psychosocial work environment, social networks and social capital. The sessions introduce theories linking each social determinant to population health outcomes, measurement issues, and threats to causal inference. Sessions include discussion of different methods used in social epidemiology to understand causal processes, including econometric methods, multi-level regression and the use of natural experiments.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH45-HSB, MPH65-HSB, SM1 SBS, PHD PHS SBS
Wave 2 | PHD PHS NUT & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)
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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both SBS 201 and SBS 201LAB.

To enroll in SBS 201LAB, students must first enroll in SBS 201.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 1: School-Wide Core Requirement
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 201LAB Section: 3

Society and Health (213464)

Ichiro Kawachi

2024 Fall (0 Credits) Schedule: R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 20

The course surveys the social determinants of health: socioeconomic status, structural racism, income inequality, neighborhood contexts, psychosocial work environment, social networks and social capital. The sessions introduce theories linking each social determinant to population health outcomes, measurement issues, and threats to causal inference. Sessions include discussion of different methods used in social epidemiology to understand causal processes, including econometric methods, multi-level regression and the use of natural experiments.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH45-HSB, MPH65-HSB, SM1 SBS, PHD PHS SBS
Wave 2 | PHD PHS NUT & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)
Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)
**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both SBS 201 and SBS 201LAB.

To enroll in SBS 201LAB, students must first enroll in SBS 201.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement

Social & Behavioral Sciences 201LAB Section: 4

Society and Health (213464)

Ichiro Kawachi

2024 Fall (0 Credits) Schedule: R 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 20

The course surveys the social determinants of health: socioeconomic status, structural racism, income inequality, neighborhood contexts, psychosocial work environment, social networks and social capital. The

sessions introduce theories linking each social determinant to population health outcomes, measurement issues, and threats to causal inference. Sessions include discussion of different methods used in social epidemiology to understand causal processes, including econometric methods, multi-level regression and the use of natural experiments.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH45-HSB, MPH65-HSB, SM1 SBS, PHD PHS SBS
Wave 2 | PHD PHS NUT & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)
Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)
**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both SBS 201 and SBS 201LAB.

To enroll in SBS 201LAB, students must first enroll in SBS 201.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 1: School-Wide Core Requirement

Social & Behavioral Sciences 205 Section: 1

Interpersonal Communication in Public Health Settings (224661)

Rebecca Robbins

2024 Fall (2.5 Credits) Schedule: T 0200 PM - 0500 PM

Instructor Permissions: None Enrollment Cap: 25

The goal of this course is to illuminate the powerful, persuasive influence of interpersonal communication on health beliefs, behaviors, and healthcare outcomes, which can be leveraged for public health benefit or detriment by engendering health disparities. This course will provide a foundation of knowledge of the literature on interpersonal communication in healthcare, ranging from the most traditional and formal

contexts (e.g., patient-provider communication) to more ubiquitous contexts, such as online/mediated communication among patients in online or social media forums or from a content creator to their community of followers on social media, as well as applied contexts for understanding the principles of effective interpersonal communication that supports public health for all. This course is designed for a diverse audience, with direct application for any public health advocate, ranging from healthcare providers to public health administrators and leaders.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter

Social & Behavioral Sciences 206 Section: 1

US Social Safety Net Policies and Health (224824)

Rita Hamad

2024 Fall (2.5 Credits) Schedule: TR 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 40

This course provides an overview of major social safety net policies in the United States and their impact on population health and health equity. We will explore the details and challenges of each program's implementation and its impacts on population health. We will examine income support programs like the Earned Income Tax Credit, minimum wage, and unemployment insurance; nutrition programs like the Supplemental Nutrition Assistance Program and the Special Supplemental Nutrition Program for Women, Infants, and Children; housing policies like vouchers; and other relevant programs with the potential to address the social determinants of health at the population level.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Conditionally Approved	Conditionally Approved Course
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 207 Section: 1

Race, Ethnicity and Health: Perspectives from the Social and Behavioral Sciences (191118)

David Williams

2024 Fall (2.5 Credits) Schedule: T 0345 PM - 0645 PM

Instructor Permissions: None Enrollment Cap: 65

Health outcomes in the U.S. vary dramatically as a function of race and ethnicity. The purpose of this course is to address the possible pathways by which such disparities in health status arise at different stages in the life cycle. The course will highlight research that explores this issue from social, behavioral and psychological perspectives, as well as ideas about the meaning of race and ethnicity in American society. Students will be asked to develop their own research ideas that might help illuminate the nature of specific health disparities.

Course Activities: Lectures, class presentations, discussion.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course

Social & Behavioral Sciences 208 Section: 1

Adolescent Health (191119)

David Bickham

Joshua Borus

2024 Fall (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 30

This course aims to provide an overview of major topics related to adolescent health for future public health practitioners, including health care providers, mental health workers, educators, and others. It is meant to be a broad introduction to adolescent health through covering topics that are relevant to the health of adolescents. Sessions usually cover adolescent development, research with adolescents, sexual and reproductive health, media influences, mental health, policy and advocacy, LGBTQ adolescents, school health, nutrition, substance use, and racism. The focus of the course is domestic, since adolescence is constructed differently across cultural contexts; however, we will explore global implications as much as class experience and knowledge permits. We welcome students to bring their diverse personal and professional experiences to enrich class discussions.

Course Activities: Class discussions, guest speakers, writing assignments, group project.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 209 Section: 1

The Past in the Present: Race and Racism in Science and Health (224890)

Evelynn Hammonds

2024 Fall (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: Instructor Enrollment Cap: 13

This reading-intensive course will introduce public health and biomedical students to the historical context that has shaped and continues to shape contemporary health disparities in the United States. Scientific, medical and public health theory and practices emerged in the racialized society of the United States in the 18th century and have persisted from the past into the present day. The goal of the course is to provide foundational language, historical context, and analytical skills to support students' ability to identify and address race based health disparities so evident in public health and medicine today that have been increasingly linked to current social justice aspects of public health and biomedical research and practices.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 212 Section: 1

Developmental Disabilities I: Evaluation, Assessment and Systems (191120)

Jason Fogler

2024 Fall (2.5 Credits) Schedule: F 0800 AM - 1000 AM

Instructor Permissions: None Enrollment Cap: 30

The course focuses on issues confronting professionals who work with people with developmental disabilities, their families, and the system. Materials are organized with a developmental format in mind. Emphasis for first half of semester will be on understanding the professionals' role in diagnosing, evaluating, and assessing children who have developmental disabilities or who are at high risk of acquiring them. Specific discussions of families and services will highlight the second half of the semester. The course uses outside guest speakers who are experts and work in the field.

Course note: The course is held at 2 Brookline Place, 5th Floor, Conference Room #598

Class Notes: Course note: The course is held at 2 Brookline Place, 5th Floor, Conference Room #598

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 3: Essential Course
eForm Autosubmitter	Auto Submitter

Social & Behavioral Sciences 225 Section: 1

Engaging with the US Press: A Practical Look at Effective Public Health Communications (222231)

Dick Tofel

2024 Fall (2.5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 50

How does the US press actually function? How does the press interact with and influence the operation of public health agencies and systems? This course is intended to provide you with a deeper understanding of the relationship between public health and the American press, a subject of particular importance in the wake of the COVID-19 pandemic. You will hear directly from experts – on both sides of the relationship – about their experiences. Sessions will examine all facets of the relationship, from news reporting to public information, from scientific papers to social media, from inherent complexity to misinformation. To the extent possible, the course is intended to develop and enhance practical knowledge and skills, looking to careers in public health that will, at least from time to time, involve engaging, directly or indirectly, with the press. The course concludes with four media training modules, on interviewing for text and audio/video, op-ed writing and online safety and security.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | DRPH
Wave 2 | All HSPH Degree Students
Wave 3 | All HSPH Degree Students

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

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Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 245 Section: 1

Social and Behavioral Research Methods (191127)

Jarvis Chen

2024 Fall (5 Credits) Schedule: F 0200 PM - 0500 PM

Instructor Permissions: Instructor Enrollment Cap: 20

Provides a broad overview of social and behavioral research methodology, including experimental, quasi-experimental, and non-experimental research designs, measurement, sampling, data collection, and causal

inference. Through methodological readings, discussion, and group and individual projects, students learn to conduct social and behavioral research. Projects include psychometric development of new measures and analysis of longitudinal data with special emphasis on appropriate methods for rigorous causal inference.

Course Activities: Assigned readings, class participation, homeworks, group and individual projects.

Course Note: a multivariate statistics course strongly recommended; course primarily for doctoral students.

Course Prerequisites: PHS2000A and PHS2000B (PHS PhD students) OR BST210 or BST211 or BST213 AND SBS 281 (DrPH or SM students)

Requirements: Prerequisite:PHS2000A and PHS2000B (PHS PhD students) OR BST210 or BST211 or BST213 (DrPH or SM students)

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO

Social & Behavioral Sciences 246 Section: 1

Maternal and Child Health: Programs and Policies (191128)

Henning Tiemeier

Bethany Kotlar

2024 Fall (2.5 Credits) Schedule: MW 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 40

Components of health care programs for mothers and children are discussed in the context of the epidemiology of important health problems, the historical and legislative background, and social policies. The course takes a life-course approach and health programs appropriate to prenatal, early and late childhood, adolescence, and youth are presented in terms of the multidisciplinary and interdisciplinary action required to improve the health status of populations. The social, political, and environmental factors that shape current and future maternal and child health problems and policies are discussed. Topics include infant mortality and low birthweight, maternal and child mental health, maternal morbidity and mortality, services for children with special health care needs, and financing of health care for mothers and children.

Course Activities: Class discussion, written exercises.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Social & Behavioral Sciences 254 Section: 1

Social Disparities, Stress, and Health (191130)

Laura Kubzansky

2024 Fall (2.5 Credits)		Schedule:	MW 0200 PM - 0330 PM
Instructor Permissions:	None	Enrollment Cap:	20

This course is designed to review theories and research examining stress and the role it plays in social disparities in health. The course will review basic concepts and models of stress as well as the mechanisms by which stress may influence health and explain social disparities. A key aspect of the class will be to consider the quality of the research on stress and health, and students will be required to evaluate methods and measures. The course builds on a basic understanding of society and health and of epidemiology.

Course Activities: Lectures, seminars: reaction papers, class presentations and discussion, a take-home final.

Course Note: Minimum enrollment of 10.

Course Prerequisite(s): SBS201 or EPI201 or ID201 or PHS 2000A

Class Notes:

A course materials fee may apply for this course. An upper estimate is listed below, and the final materials fee will be communicated to enrolled students at the beginning of the term. For more information and a list of past years' materials fees for the current semester's courses, please visit the Curriculum Center website.

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups

Wave 1 | MPH45 HSB, MPH65 HSB, SM1 SBS, PHS SBS

Wave 2 | Open Enrollment

Wave 3 | Open Enrollment

Priority Wave Timing

Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

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**Cross-Registrants and Non-Degree Students will be enrolled on a

space available basis after the enrollment deadline for the course

Requirements: Corequisites: SBS201 or EPI201 or ID201 or PHS 200A

Students must have received a grade in one of the above classes to meet this pre-requisite.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 281 Section: 1

Principles of Social and Behavioral Research (191137)

Christy Denckla

2024 Fall (2.5 Credits) Schedule: TR 0945 AM - 1115 AM

Instructor Permissions: None Enrollment Cap: 59

Introduces methodology to explore fundamental concepts and theories useful in understanding social and behavioral determinants of health. The course emphasizes quantitative research and social science methods applied to public health research. Major attention is given to methodology from sociology and psychology in their application to public health problems.

Course Activities: Group project, presentations, brief written article critiques.

Course Note: Fulfills departmental requirement for SBS masters students. Specifically geared to SBS students in the MPH and other professional master's degree program.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 2 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM – Enrollment Deadline (varies by session)
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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter

Social & Behavioral Sciences 281LAB Section: 1

Principles of Social and Behavioral Research (213465)

Christy Denckla

2024 Fall (0 Credits) Schedule: R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 18

Introduces methodology to explore fundamental concepts and theories useful in understanding social and behavioral determinants of health. The course emphasizes quantitative research and social science methods applied to public health research. Major attention is given to methodology from sociology and psychology in their application to public health problems.

Course Activities: Group project, presentations, brief written article critiques.

Course Note: Fulfills departmental requirement for SBS masters students. Specifically geared to SBS students in the MPH and other professional master's degree program.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 2 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)
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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both SBS 281 and SBS 281LAB.

To enroll in SBS 281LAB, students must first enroll in SBS 281.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course

Social & Behavioral Sciences 281LAB Section: 2

Principles of Social and Behavioral Research (213465)

Christy Denckla

2024 Fall (0 Credits) Schedule: R 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 16

Introduces methodology to explore fundamental concepts and theories useful in understanding social and behavioral determinants of health. The course emphasizes quantitative research and social science methods applied to public health research. Major attention is given to methodology from sociology and psychology in their application to public health problems.

Course Activities: Group project, presentations, brief written article critiques.

Course Note: Fulfills departmental requirement for SBS masters students. Specifically geared to SBS students in the MPH and other professional master's degree program.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 2 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)
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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both SBS 281 and SBS 281LAB.

To enroll in SBS 281LAB, students must first enroll in SBS 281.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 281LAB Section: 3

Principles of Social and Behavioral Research (213465)

Christy Denckla

2024 Fall (0 Credits) Schedule: R 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 16

Introduces methodology to explore fundamental concepts and theories useful in understanding social and behavioral determinants of health. The course emphasizes quantitative research and social science methods applied to public health research. Major attention is given to methodology from sociology and psychology in their application to public health problems.

Course Activities: Group project, presentations, brief written article critiques.

Course Note: Fulfills departmental requirement for SBS masters students. Specifically geared to SBS students in the MPH and other professional master's degree program.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 2 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)
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**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both SBS 281 and SBS 281LAB.

To enroll in SBS 281LAB, students must first enroll in SBS 281.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
eForm Autosubmitter	Auto Submitter
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course

Social & Behavioral Sciences 281LAB Section: 4

Principles of Social and Behavioral Research (213465)

Christy Denckla

2024 Fall (0 Credits) Schedule: R 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 16

Introduces methodology to explore fundamental concepts and theories useful in understanding social and behavioral determinants of health. The course emphasizes quantitative research and social science methods applied to public health research. Major attention is given to methodology from sociology and psychology in their application to public health problems.

Course Activities: Group project, presentations, brief written article critiques.

Course Note: Fulfills departmental requirement for SBS masters students. Specifically geared to SBS students in the MPH and other professional master's degree program.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT
Priority Wave Groups
Wave 1 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 2 | MPH45 HSB, MPH65 HSB, SBS SM1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)
Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)
**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements: Students are required to enroll in both SBS 281 and SBS 281LAB.

To enroll in SBS 281LAB, students must first enroll in SBS 281.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 285 Section: 1

Practical Communications Strategies and Tactics for Influencing a Healthier World (222765)

Andy Burness

2024 Fall (2.5 Credits) Schedule: R 0200 PM - 0500 PM

Instructor Permissions: None Enrollment Cap: 25

This is a communications course. Health policy experts and system reformers – including government officials, health care leaders, civil servants, lobbyists, think tank scholars, and NGO leaders and advocates – must have skills to move ideas to scale and drive needed changes for healthier communities. They (and you) have the power to be accelerants on the fire of change, to move ideas from the conceptual to action.

This course will empower you to do the same: You'll learn the principles of strategic communications and how you can use them to inform, educate, influence, and move audiences. And you will build and begin to implement a public health communication strategy of your own: Over eight weeks, you will have an opportunity to develop a "message deck" to guide all communications on a specific programmatic or policy reform of your choice; a communications plan in support of this reform; an op-ed piece suitable for publication; and early skills related to story-telling and media relations.

You'll leave the course with everything you need to put your plan into action, positioning you to make the public-health changes you want to see in the world. And allowing you to harness the power of strategic communications in your next job.

Class Notes: THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | DRPH
Wave 2 | All HSPH Degree Students
Wave 3 | All HSPH Degree Students

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM - Enrollment Deadline (varies by session)

Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be

automatically enrolled into any remaining seats in the course (pending no time conflicts).

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course
HSPH: Conditionally Approved	Conditionally Approved Course
eForm Autosubmitter	Auto Submitter

Social & Behavioral Sciences 288 Section: 1

Qualitative Research Methods in Public Health (191138)

Roberta Goldman

2024 Fall (2.5 Credits) Schedule: F 0945 AM - 1245 PM

Instructor Permissions: None Enrollment Cap: 20

What students can expect from this course: Qualitative research can be used alone or in combination with quantitative research to investigate public health questions. This introductory course will provide students with an overview of the range of important conceptual and practical issues associated with qualitative research, including providing general familiarity with the design of qualitative studies and conduct of commonly-used qualitative methods. The course begins by examining the variety of potential uses of qualitative methods in public health research and diverse qualitative research approaches. The course then explores specific topics, including: developing research questions; ethics in qualitative research; "entering" the community to conduct qualitative research; role of theory; ensuring study rigor; selecting and implementing qualitative data collection methods (participant observation, different types of semi-structured interviews and focus groups); writing open-ended questions; sampling; data management and analysis; publishing results; writing research proposals; and considerations for choosing qualitative methods for mixed-methods qualitative or mixed-methods qualitative/quantitative studies.
Students should come to class prepared to apply concepts from readings and lectures through participation in student- and instructor-led class discussions and small group activities that will occur during every class period. In addition, students will demonstrate application of concepts through completion of written assignments that involve practice of qualitative methods.
What this course is not: As this is an introductory course on qualitative research that provides an overview of all pertinent topics to foster familiarity with this research approach as a whole, the course cannot dwell deeply on any one topic. Students who are looking for in-depth training on a particular step in qualitative research, such as how to analyze their own qualitative dataset, or how to use qualitative coding software, are advised to select a different course.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Social & Behavioral Sciences 296 Section: 1

Leadership in Minority Health Policy (191139)

Alden Landry

Joan Reede

2024 Fall (2.5 Credits)		Schedule:	T 0200 PM - 0330 PM
Instructor Permissions:	Instructor	Enrollment Cap:	18

Students will engage with faculty members at Harvard as well as key minority health policy leaders from both the public and private sectors to develop leadership skills required for effective performance in the areas of public health practice and public policy. A major focus will be strategies for career development in the area of minority health policy. Speakers will include physicians, dentists, community organizers, historians, lawyers, executives, and others working in health policy.
Course Activities: Students are expected to actively participate in class discussions; divided in teams, students will be required to give presentations and submit papers that discuss health policies impacting historically marginalized populations.
Course Requirements: In order to be considered for enrollment in the class, students must fill out the student interest form: https://bit.ly/3h2RfBC and also request instructor permission to enroll in this course via my.harvard. Applications will be reviewed on a rolling basis through August 30, 2024. Students who are not initially granted admission will be placed on a waitlist.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	NO
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 3: Essential Course

Social & Behavioral Sciences 299 Section: 1

Science-Driven Innovation in the Early Childhood Ecosystem (191141)

Jack Shonkoff

2024 Fall (5 Credits)		Schedule:	W 0900 AM - 1145 AM
Instructor Permissions:	Instructor	Enrollment Cap:	15

This class meets at the Graduate School of Education.
The primary aim of this course is to leverage advances in the biological, behavioral, and social sciences to catalyze more effective policies and programs to strengthen the foundations of early development and lifelong health in the prenatal and early childhood periods. Drawing on a diversity of perspectives, students will learn how interactions among early experiences, variation in sensitivity to context, and developmental timing shape brain architecture and other biological systems (e.g., immune, metabolic) that affect learning, behavior, and health. Particular attention is focused on how adverse experiences and exposures related to structural inequities (e.g., systemic racism, intergenerational poverty) as well as individual disruptions of the caregiving environment (e.g., abuse or neglect) are embedded biologically and lead to disparities in educational achievement and both physical and mental well-being. Students from a diversity of professional

and personal backgrounds work on team projects over the course of the semester to explore how enhanced understanding of causal mechanisms that disrupt early development can catalyze fresh thinking about the variable effectiveness of "evidence-based" policies and programs and inform new strategies to achieve greater impacts on the lives of all young children facing adversity.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter

Social & Behavioral Sciences 300 Section: 1

Independent Study (191142)

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 300 Section: 2

Independent Study (191142)

2024 Fall (0 Credits) Schedule:

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of

faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Independent Study	HSPH Independent Study 300

Social & Behavioral Sciences 300 Section: 3

Independent Study (191142)

2024 Fall (0 Credits) Schedule:

Instructor Permissions: None Enrollment Cap: n/a

An opportunity for independent study is offered for interested and qualified students or small groups of students. Arrangements must be made with individual faculty members and are limited by the amount of faculty time available. These programs are open to all students who wish to go beyond the content of regular courses.

Important Information: In order to enroll in an Independent Study course you must submit a proposal form, which will be reviewed by the department and faculty member. To do this, please click on the 'Submit Proposal' button, complete the form, and submit. If your proposal is approved, the course will be added to your Crimson Cart and you will receive a notification email. You will need to go to your Crimson Cart and complete your enrollment into the class (enrollment in the course is not finalized until this step is taken).

Please note that the 'Submit Proposal' button will only be available while the Crimson Cart and the HSPH enrollment period is open.

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Independent Study	HSPH Independent Study 300

Social & Behavioral Sciences 311 Section: 1

Teaching Assistant (203322)

Ichiro Kawachi

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 1

Research (191143)

Vaughan Rees

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 10

Research (191143)

Henning Tiemeier

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 11

Research (191143)

Henning Tiemeier

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 12

Research (191143)

Henning Tiemeier

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 13

Research (191143)

S.V. Subramanian

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 15

Research (191143)

S.V. Subramanian

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 16

Research (191143)

Steve Gortmaker

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 17

Research (191143)

Steve Gortmaker

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 18

Research (191143)

Steve Gortmaker

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 19

Research (191143)

Elizabeth Janiak

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 350 Section: 2

Research (191143)

Vaughan Rees

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 20

Research (191143)

Elizabeth Janiak

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 21

Research (191143)

Elizabeth Janiak

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 22

Research (191143)

Nancy Krieger

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 23

Research (191143)

Nancy Krieger

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 24

Research (191143)

Nancy Krieger

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 25

Research (191143)

Kasisomayajula Viswanath

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 26

Research (191143)

Kasisomayajula Viswanath

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 27

Research (191143)

Kasisomayajula Viswanath

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 28

Research (191143)

Sabra Katz-Wise

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 350 Section: 29

Research (191143)

Sabra Katz-Wise

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 3

Research (191143)

Vaughan Rees

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 30

Research (191143)

Sabra Katz-Wise

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 350 Section: 38

Research (191143)

Laura Kubzansky

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 39

Research (191143)

Laura Kubzansky

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 4

Research (191143)

Karestan Koenen

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 40

Research (191143)

Laura Kubzansky

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 41

Research (191143)

Shoba Ramanadhan

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 42

Research (191143)

Shoba Ramanadhan

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 43

Research (191143)

Shoba Ramanadhan

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 44

Research (191143)

Ichiro Kawachi

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 45

Research (191143)

Ichiro Kawachi

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 46

Research (191143)

Ichiro Kawachi

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 47

Research (191143)

David Williams

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 48

Research (191143)

David Williams

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 49

Research (191143)

David Williams

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 5

Research (191143)

Karestan Koenen

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 50

Research (191143)

Lisa Berkman

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 51

Research (191143)

Lisa Berkman

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 52

Research (191143)

Lisa Berkman

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 53

Research (191143)

S. Bryn Austin

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 54

Research (191143)

S. Bryn Austin

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 55

Research (191143)

S. Bryn Austin

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 6

Research (191143)

Karestan Koenen

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 7

Research (191143)

Karen Emmons

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 70

Research (191143)

Barbara Gottlieb

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 71

Research (191143)

Barbara Gottlieb

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 72

Research (191143)

Barbara Gottlieb

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 73

Research (191143)

Alan Geller

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Indpt. Study / Research	YES

Social & Behavioral Sciences 350 Section: 74

Research (191143)

Alan Geller

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 75

Research (191143)

Alan Geller

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Indpt. Study / Research	YES

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 76

Research (191143)

Natalie Slopen

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective

Social & Behavioral Sciences 350 Section: 78

Research (191143)

Jarvis Chen

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 350 Section: 8

Research (191143)

Karen Emmons

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 81

Research (191143)

Rita Hamad

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
Course Evaluation	Course Evaluation Exempt

Social & Behavioral Sciences 350 Section: 82

Research (191143)

Rita Hamad

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 83

Research (191143)

Rita Hamad

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed
HSPH: Course Category	Category 4: Elective
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 350 Section: 9

Research (191143)

Karen Emmons

2024 Fall (0 Credits) Schedule: TBD

Instructor Permissions: Instructor Enrollment Cap: n/a

For doctoral candidates who have passed their school-wide Oral Qualifying Examination and who are undertaking advanced work along the lines of fundamental or applied research in the department.

Requirements: Course Restricted to students who have passed their Oral Exam

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
Course Evaluation	Course Evaluation Exempt
HSPH: Course Category	Category 4: Elective
ALL: Exclude from Canvas Feed	Exclude from Canvas Feed

Social & Behavioral Sciences 360 Section: 1

Maternal and Child Health/Children, Youth and Families Seminar (191144)

Cristina Alonso

2024 Fall (0.63 Credits) Schedule: T 0105 PM - 0155 PM

Instructor Permissions: None Enrollment Cap: 70

This course is taken twice for a total of 1.26 Pass/Fail credits (0.63 in the Fall and 0.63 in the Spring)

Weekly seminar on topics in Maternal and Child Health/Children, Youth and Families.

Required for: doctoral students either majoring or minoring in Maternal Child Health/Children Youth and Families (MCH/CYF) until they defend their thesis; masters students concentrating in MCH/CYF for the duration of their program. The MCF/CYF concentration in open to masters and doctoral students in all departments at the Harvard T.H. Chan School of Public Health.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course
HSPH: Indpt. Study / Research	NO

Social & Behavioral Sciences 504 Section: 1

Substance Use and Public Health (191151)

Vaughan Rees

2024 Fall (2.5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 30

Substance use is a major public health problem which impacts individuals and society on multiple levels. The purpose of this course is to develop an understanding of factors that contribute to substance use and its consequences, as well as evidence-guided strategies to prevent use or reduce harm. The course will cover the biological, psychological and social factors that drive substance use behavior, and the nature and scope of this public health problem. Drug effects, prevalence of use and health outcomes, evidence-based treatment and prevention approaches, and public policy options will be contrasted for major licit and illicit substances. Students will use this background to critically examine national and international drug policies.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 506 Section: 1

An Intro to History, Politics, & Public Health: Theories of Disease Distr. & Health Inequities (191153)

Nancy Krieger

2024 Fall (2.5 Credits) Schedule: F 0930 AM - 1230 PM

Instructor Permissions: None Enrollment Cap: 21

This course offers an introduction to the social and scientific contexts, content, and implications of theories

of disease distribution, past and present. It considers how these theories shape questions people ask about--and explanations and interventions they offer for--patterns of health, disease, and well-being in their societies. Designed for both master level and doctoral level students, SBS 506 also serves a pre-requisite for SBS 507, the in-depth continuation of the course required for SBS doctoral students. SBS 506 accordingly begins by reviewing the role of theory in the production of scientific knowledge. It next introduces both text-based theories of disease distribution developed in ancient Greece and China, and also oral traditions reflecting diverse American Indian, Latin American, African, and medieval European explanations of disease distribution, followed by an overview of theories employed during the rise of epidemiology as a distinct discipline in both Europe and the United States, from 1700 to 1950. It then introduces current theories and controversies, and employs selected case examples to illustrate their application to--and implications for understanding--current and changing population distributions of disease and health inequities, especially in relation to class, race/ethnicity, gender, and sexuality. Emphasizing relationships between epidemiologic theory and practice, theories and frameworks covered include: miasma, contagion, germ theory, biomedical model, lifestyle, social production of disease/political economy of health, Latin American social medicine, health & human rights, social determinants of health, population health, psychosocial, lifecourse, and ecosocial theory.

Class Notes:

SBS 506 enrollment will end on Tuesday, September 10, 2024 at 4:00pm (i.e., first Tuesday after the first Friday session of the course). After that time students will not be able to perform any enrollment transactions (including adding, dropping, or changing enrollment)

THIS CLASS HAS PRIORITY ENROLLMENT

Priority Wave Groups
Wave 1 | SBS SM1
Wave 2 | MPH45 HSB, MPH 65 HSB, & Wave 1
Wave 3 | Open Enrollment

Priority Wave Timing
Wave 1 | 8/15/2024 11:00 AM - 8/25/2024 11:59 PM
Wave 2 | 8/26/2024 12:00 AM - 8/28/2024 11:59 PM
Wave 3 | 8/29/2024 12:00 AM – Enrollment Deadline (varies by session)
Any student who does not meet the Wave 1 or Wave 2 criteria can add themselves to the waitlist (if enrollment requirements are met) at any time during the enrollment period. At the beginning of each priority wave, students on the waitlist who meet the Wave's criteria will be automatically enrolled into any remaining seats in the course (pending no time conflicts)

**Cross-Registrants and Non-Degree Students will be enrolled on a space available basis after the enrollment deadline for the course

Requirements:

Students outside of HSPH must request instructor permission to enroll

in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
Course Search Attributes	Display Only in Course Search
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO

Social & Behavioral Sciences 507 Section: 1

Adv Sem on History, Politics, and Public Health: Theories of Disease Distr and Health Inequities (191154)

Nancy Krieger

2024 Fall (2.5 Credits) Schedule: F 0930 AM - 1230 PM

Instructor Permissions: Instructor Enrollment Cap: 20

This course builds on the prerequisite course SBS 506 and its critical focus on theories of disease distribution, past and present. Intended for doctoral students (and required of SBS doctoral students), SBS 507 deepens historical and present-day understanding of contemporary mainstream theories of disease distribution and their social epidemiologic alternatives. Pairing 20th and 21st CE historical and contemporary books (not articles!), the course both builds substantive knowledge regarding the content and public health implications of diverse theories of disease distributions while also developing skills in conducting literature searches about and engaging with complex scholarly arguments and discourse.

Course Prerequisites: SBS506 (or SHDH506) or PHS 2506 required.

Requirements: Prerequisite: SBS506 (or SHDH506) or PHS 2506 required.

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO

Social & Behavioral Sciences 515 Section: 1

Health Literacy: Practical Tools to Make Information More Equitable (191162)

Lindsay Rosenfeld (she/her)

2024 Fall (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 30

Health literacy is a powerful tool for health equity. This course focuses primarily on information assessment and health literacy best practice; everyone in public health has a responsibility to ensure that information is accessible, understandable, and usable. You will learn best practices for assessing health (e.g., asthma) and health-related (e.g., housing) information (e.g., print, video, website). You will learn about information assessment tools and how to analyze texts and tasks. After completing the course, you will be able to identify and analyze factors that ease or inhibit reading, comprehension, and use of health and health-related

information to accomplish specific tasks and make decisions. Course assignments, discussions, and hands-on sessions will prepare you to a) analyze the strengths and weaknesses of information currently in-use, b) offer recommendations for improvement, and c) contribute to practice implementation and new research. In a course-long assignment, you will use information from a community-based or national organization. A final paper will highlight the assessments you use, the findings, and your best practice recommendations for the organization. If of interest, the Professor will provide connections to an organization that will offer their materials for this work, and who would be sent the final paper in return. By the end of this course, you will be able to bring health literacy best practice for information assessment and improvement into any area of public health to advance health equity.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
HSPH: Indpt. Study / Research	NO

Social & Behavioral Sciences 516 Section: 1

Health Literacy: Practical Tools to Make Organizations and Systems More Equitable (191163)

Lindsay Rosenfeld (she/her)

2024 Fall (2.5 Credits) Schedule: MW 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 25

Health literacy is a powerful tool for health equity. This course focuses primarily on organizational health literacy assessment and best practice; that is, the ways in which organizations can equitably enable individuals to find, understand, and use information and services to inform health and health-related decisions and actions for themselves and others (Healthy People 2030). Of course, organizations that focus on the social and structural determinants of health (e.g., housing, employment) are crucial to this work. Clarity, dignified dialogue, democratization of knowledge, and equitable access to and use of services and resources are health literacy hallmarks. You will learn about the trajectory of the health literacy field and particularly the current focus on policy and practice, especially how organizations can reduce navigation burden (e.g., online, accessing service systems, finding one's way to and in a physical place). Accordingly, the course focuses on how we can identify and modify structural barriers in health, and health-related, institutions and systems. You will engage in: 1) critical analyses of the literature, 2) examine, critique, and learn to use available measures, 3) consider how to move assessment and practice beyond health(care) alone, and 4) assess the health literacy environment of an organization. If of interest, the Professor will provide connection to an organization that is interested in learning from an assessment, and would be sent the final paper. You will participate in small and large group discussions, hands-on learning sessions, and a variety of written assignments and presentation. By the end of the course, you will be able to bring health literacy best practice for organizational assessment and improvement into any area of public health to advance health equity.

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 521 Section: 1

Qualitative Data Analysis for Public Health (205041)

Shoba Ramanadhan

2024 Fall (2.5 Credits) Schedule: TR 1130 AM - 0100 PM

Instructor Permissions: None Enrollment Cap: 18

This seminar focuses on the analysis of qualitative data for public health research and practice. The course covers a range of approaches to the analysis of textual data, such as from interview transcripts. The course focuses on reflexive thematic analysis, but also touches upon grounded theory, framework analysis and hybrid approaches to qualitative data analysis. Students will learn practical skills, including how to develop a codebook, code data, write memos, generate themes, and build conceptual models. The course also addresses issues of ethics in the conduct of qualitative research as well as team-based and participatory approaches to qualitative data analysis. Class sessions focus on active learning and include lectures, group discussions, opportunities to practice coding and summarizing data, article critiques, student presentations, and guest lectures. This course is open to masters and doctoral students who meet the prerequisites. Loaner copies of the required textbook are available for all enrolled students. Given the team- and discussion-based structure, it is not possible to audit this course or participate virtually.
Pre-requisites: SBS288 or GHP504 or DRPH200 or S-063 or another qualitative research methods course/prior qualitative research experience (by permission of instructor)

Requirements: Prerequisites: SBS 288 or GHP 504 or DRPH 200 or EDU S063 or another qualitative research methods course/prior qualitative research experience (by permission of the instructor)

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 3: Essential Course
All: Cross Reg Availability	Available for Harvard Cross Registration

Social & Behavioral Sciences 523 Section: 1

Pragmatic Intervention Evaluation (220600)

Eve Nagler

2024 Fall (2.5 Credits) Schedule: TR 0345 PM - 0515 PM

Instructor Permissions: None Enrollment Cap: 10

SBS523 will prepare students to design an evaluation of a public health intervention. Students will plan pragmatic trials that can be undertaken in the 'real-world' using the Theory of Change (ToC) and PRECIS-2 (Pragmatic Explanatory Continuum Indicator Summary) tools to answer their research question. Students will be introduced to study designs commonly used in NIH grants, including: randomized controlled trials (RCT),

cluster RCT, stepped wedge, interrupted time series, difference in difference, Sequential Multiple Assignment Randomization Trials (SMART), and mixed methods. They will also explore different questions these study designs can answer, and how to select one to evaluate their intervention.

Throughout this interactive course, students will work with their peers to practice justifying methodological considerations, assumptions, benefits, and limitations of developing their trial along the pragmatic/explanatory continuum. By the end of the course, students will demonstrate skills to write a research proposal—similar to a protocol paper—to guide the testing of their intervention.
SBS 523 is a required course for PHS students in the Social and Behavioral Sciences Department.

While the course will enable students to understand the practical applications of designing an intervention evaluation, the course will not cover:

Statistical design and analysis, sample size, or power calculations

Cost effectiveness assessments

Dissemination of interventions

Students interested in learning these topics will be directed to other courses at HSPH and Harvard.

Requirements: Pre-Requisite: SBS 522
To enroll in this class, student must have already completed and received a grade in SBS 522.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Conditionally Approved	Conditionally Approved Course
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 2: Required Course

Social & Behavioral Sciences 945A Section: 1

Applied Practice Experience for Health and Social Behavior (205615)

Clyde Smith

2024 Fall (1.25 Credits) Schedule: F 0200 PM - 0330 PM

Instructor Permissions: None Enrollment Cap: 35

All students completing a Master of Public Health degree must complete an Applied Practice Experience ("Practicum"). This required course is designed to meet both this degree requirement. In the course, students will identify and complete a practicum that will be of value to their professional development and career goals, as well as periodical email updates and reflections to the instructor. Students will also share their practicum experience with their MPH colleagues via a "peer-to-peer" joint learning experience. Class sessions explore the practice of public and community health through case studies, readings and hands-on activities.

This is a year-long course worth a total of 2.5 credits (1.25 in the fall and 1.25 in the spring).

Grade Note: SBS 945 is comprised of two parts: Part A in the Fall and Part B in the Spring. The grade and 2.5

credits are only reflected on the transcript after students have completed both Part A and Part B in the spring. At the end of the Fall term, students will receive an "IP" ("In Progress") grade in SBS 945A. When the Spring grades are posted, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits.

Course Requirements: Course restricted to MPH-45 HSB students. This is a required course.

Requirements: Course Restricted to students in the MPH45 Health and Social Behavior program

Additional Course Attributes:

Attribute	Value(s)
Course Evaluation	Course Evaluation Exempt
All: Cross Reg Availability	Available for Harvard Cross Registration
eForm Autosubmitter	Auto Submitter
Full Year Course	Indivisible Course
HSPH: Indpt. Study / Research	NO
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Course Category	Category 2: Required Course

Social & Behavioral Sciences 965.P1 Section: 1

Applied Practice and Integrative Learning Experience for Health and Social Behavior (MPH65) (216455)

Alan Geller

2024 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 31

All students completing a Master of Public Health degree must complete an Applied Practice Experience ("Practicum") and an Integrative Learning Experience (ILE). This required course is designed to meet both these degree requirements. In the course, students will identify and complete a practicum that will be of value to their professional development and career goals. Students will also share their practicum experience with their MPH colleagues via a "peer-to-peer" joint learning experience. A final required paper will require students to demonstrate the ability to integrate and synthesize selected program competencies. Class sessions will focus on developing tools and insights that will be useful in future professional practice in public health, as well as sessions focused on the job search.

This is a two-semester course worth a total of 2.5 credits. Part 1 of the course (SBS 965.P1) is 1.25 credits and takes place in Fall 2 of the first year. The practicum takes place during the summer. Part 2 of the course (SBS 965.P2) is 1.25 credits takes place in Full Fall of the second year.

The second-year course, SBS 965.P2, is a Full Fall course; however, it is structured so that there are only class meetings in Fall 1. The remaining portion of the course has no class meetings during Fall 2, so that students can complete their ILE work and also have the ability to register for another course during that time slot if they choose.

Grade Note: The grade and 2.5 credits are only reflected on the transcript after students have completed both P1 and P2. At the end of the P1 course, students will receive an "IP" ("In Progress") grade in SBS 965.P1. When grades are posted at the end of SBS 965.P2, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits.

Course Requirements: Course restricted to MPH-65 HSB students. This is a required course.

Requirements: HSPH: Restricted to MPH-HSB 65 students in their first year

Additional Course Attributes:

Attribute	Value(s)
HSPH: Course Category	Category 2: Required Course
Course Evaluation	Course Evaluation Exempt
HSPH:Year Long Course	HSPH:Year Long Course
HSPH: Conditionally Approved	Conditionally Approved Course
eForm Autosubmitter	Auto Submitter
All: Cross Reg Availability	Not Available for Cross Registration

Social & Behavioral Sciences 965.P2 Section: 1

Applied Practice and Integrative Learning Experience for Health and Social Behavior (MPH65) (205562)

Alan Geller

2024 Fall (1.25 Credits) Schedule: T 0530 PM - 0700 PM

Instructor Permissions: None Enrollment Cap: 31

All students completing a Master of Public Health degree must complete an Applied Practice Experience ("Practicum") and an Integrative Learning Experience (ILE). This required course is designed to meet both these degree requirements. In the course, students will identify and complete a practicum that will be of value to their professional development and career goals. Students will also share their practicum experience with their MPH colleagues via a "peer-to-peer" joint learning experience. A final required paper will require students to demonstrate the ability to integrate and synthesize selected program competencies. Class sessions will focus on developing tools and insights that will be useful in future professional practice in public health, as well as sessions focused on the job search.

This is a two-semester course worth a total of 2.5 credits. Part 1 of the course (SBS 965.P1) is 1.25 credits and takes place in Fall 2 of the first year. The practicum takes place during the summer. Part 2 of the course (SBS 965.P2) is 1.25 credits takes place in Full Fall of the second year.

The second-year course, SBS 965.P2, is a Full Fall course; however, it is structured so that there are only class meetings in Fall 1. The remaining portion of the course has no class meetings during Fall 2, so that students can complete their ILE work and also have the ability to register for another course during that time slot if they choose.

Grade Note: The grade and 2.5 credits are only reflected on the transcript after students have completed both P1 and P2. At the end of the P1 course, students will receive an "IP" ("In Progress") grade in SBS 965.P1. When grades are posted at the end of SBS 965.P2, the student's final grade will replace the "IP" grade on the transcript, and the transcript will reflect the full 2.5 credits.

Course Requirements: Course restricted to MPH-65 HSB students. This is a required course.

Class Notes: Classes meet between September 3 - October 25, 2024.

Requirements: Restricted to MPH-HSB 65 students in their final semester.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Not Available for Cross Registration
HSPH: Course Category	Category 2: Required Course
HSPH: Indpt. Study / Research	NO
HSPH:Year Long Course	HSPH:Year Long Course
eForm Autosubmitter	Auto Submitter
HSPH: Conditionally Approved	Conditionally Approved Course

Social & Behavioral Sciences 980F Section: 1

SBS Doctoral Seminar (218908)

Laura Kubzansky

2024 Fall (1.25 Credits)

Schedule: W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM
W 1130 AM - 0100 PM

Instructor Permissions: None

Enrollment Cap: 50

The SBS Doctoral Seminar is designed to provide students with an opportunity to connect across cohorts, discuss topics covered in their doctoral-level coursework in a larger context , present their on-going research for feedback from peers and faculty, lead and participate in a journal club (critical review of published articles), interact with SBS faculty and alumni, and become familiar with research topics under study in SBS, and develop and practice critical professional skills (e.g., research development, science communication). A 90-minute seminar will be held every other week. Content will include student presentations and interactive discussions/presentations led by SBS faculty addressing topics relating to navigating the doctoral program in SBS, the conduct of social and behavioral research in health, and career development. Students will be encouraged to provide input into topics of interest to be covered throughout the year, with additional guidance provided by the faculty instructor. The seminar will meet in-person bi-weekly on Wednesdays from 11:30am-1:00pm and is required for SBS PhD students in their first three semesters (Year 1 Fall and Spring and Year 2 Fall.) SBS PhD students in Years 3 and 4 are also welcome to enroll.

Class Notes: This class will meet every other week, starting on the second Wednesday of the Fall term.

Requirements: HSPH: PW PHS SBS

Additional Course Attributes:

Attribute	Value(s)
eForm Autosubmitter	Auto Submitter
HSPH: Course Category	Category 4: Elective
All: Cross Reg Availability	Available for Harvard Cross Registration

Subject: Women, Gender & Health

Women, Gender & Health 201 Section: 1

Reproductive Health, Rights, and Justice (211166)

Elizabeth Janiak

2024 Fall (2.5 Credits)		Schedule:	R 0200 PM - 0500 PM
Instructor Permissions:	None	Enrollment Cap:	20

This interdisciplinary course will explore the politics of reproductive health and health care delivery, both in the US and globally, with a particular focus on how reproduction and related clinical care are shaped by and in turn shape social inequality along axes of race, gender, and social class. The course will intertwine three threads: 1) major conceptual and theoretical issues foundational to understanding the politics and epidemiology of reproduction; 2) contemporary and historical perspectives on specific reproductive phenomena and events (preventing pregnancy, terminating pregnancy, sustaining pregnancy, and giving birth); 3) social movements organized around reproductive health (e.g. anti-abortion, reproductive justice movements).

Requirements: Students outside of HSPH must request instructor permission to enroll in this course

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter

Women, Gender & Health 230 Section: 1

The Health of Transgender and Gender Diverse People (220634)

Sabra Katz-Wise

2024 Fall (2.5 Credits)		Schedule:	M 0200 PM - 0500 PM
Instructor Permissions:	Instructor	Enrollment Cap:	20

The goal of this course is to introduce students to transgender and gender diverse (TGD) public health, an emerging multidisciplinary field focused on the health and wellbeing of TGD people (also referred to as gender minorities). Students will acquire foundational knowledge to understand and address the health and wellbeing of TGD people including: terminology and the make-up of TGD communities; concepts, theories, and frameworks guiding TGD health; health inequities/disparities and determinants of TGD population health; best practices in research methodologies; issues in healthcare access and utilization; evidence-based prevention and intervention strategies; law, policy, and advocacy considerations; and current controversies and scientific debates. Readings and discussion will incorporate the multiple contexts that influence the lives and health and well-being of TGD populations (e.g., social, cultural, structural, political, and legal). The course takes an intersectional approach, emphasizes strengths and resiliencies, and brings in a human rights perspective.

Additional Course Attributes:

Attribute	Value(s)
All: Cross Reg Availability	Available for Harvard Cross Registration
HSPH: Course Category	Category 4: Elective
eForm Autosubmitter	Auto Submitter